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6273

W. W. TRACY, Jr.

I. W. SCOTT & CO.'S

MARKET GARDENERS'

PRICE LIST OF

SEEDS



1905

29th YEAR

No. 5 Union Street

Near Diamond
Market House

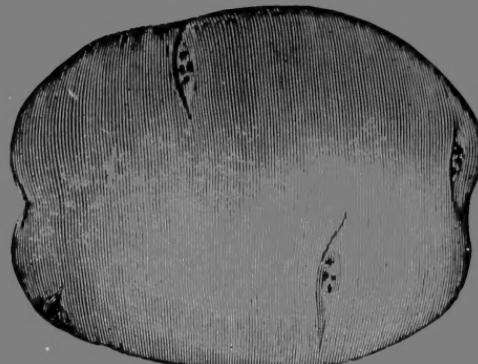
AND

514 Liberty Street

PITTSBURG,
PA.



NORTHERN GROWN



SEED POTATOES.

In Barrels of 165 lbs. Each.

Grown Especially for Seed.

IRISH COBBLER.

For many years we have made a specialty of supplying our trade with Northern Grown Seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact, that our stock is specially grown for seed, by experienced growers in the cold North East, and being pure and true to name, produces a much larger yield, and potatoes of a finer quality than the Home grown and Western stocks, usually sold in the open market for seed purposes. Each barrel contains 165 lbs. of full size tubers. The quotations given below are prices ruling at the time this catalogue is issued (Feb. 1, 1905) and are subject to change without notice.

EARLY VARIETIES.

	PER BBL.
Early Bovee, new, very early, smooth, excellent quality, good yielder.....	\$ 3 75
Early Six Weeks, extra early, resembling Early Ohio.....	4 00
Early Vermont, very productive, much like Early Rose	3 75
Early Rose, old, yet always reliable, good seed scarce.....	3 50
Early Sunrise, pink, good yielder of excellent quality.	3 75
Early Beauty of Hebron, one of the best for garden, good all the year round	3 75
Early Norther, of Rose class, early and a good table sort	3 75
Early Ohio, extra early, good for market garden, excellent quality...	4 00
Early Fortune, light pink, long, smooth, productive, excellent quality	3 50
Early Everett, early, a good yielder of excellent quality.....	3 50
Irish Cobbler, extra early, heavy yielder, fine quality.....	4 00
Clark's No. 1, good for either garden or field culture, like Early Rose.....	3 50

LATE VARIETIES.

Carman No. 3, white, heavy yielder, resembles Rural New Yorker.....	3 25
Rural New Yorker No. 2, very popular, handsome, heavy yielder.....	3 25
Maggie Murphy, mid season, large, pink, good for light soil	3 50
Seneca Beauty, good yielder of excellent quality	3 50
State of Maine, large, white, round, fine eating, heavy yielder.....	3 50
Victor White, medium late, good yielder, good quality.....	3 50
Alexander's Prolific, late, heavy yielder, good quality, good keeper..	3 50
Sir Walter Raleigh, new, large, smooth, white, heavy yielder.....	3 25
Burbanks, a well known standard variety.....	3 75
Late Rose, a well known, medium late variety.....	3 75

CHANGE OF SEED OFTEN DOUBLES THE YIELD.

There is no crop so much benefited by the introduction of fresh new seed as the potato.

ESTABLISHED 1876.

1905

I. W. SCOTT & CO.'S
Market Gardeners' Price List of Seeds.

TO OUR FRIENDS AND CUSTOMERS:—

Since our 1904 Price List was issued another season has come and gone; another crop has been planted and harvested. While weather conditions were very unfavorable to the successful maturing of some crops, we believe on the whole, our market gardening friends enjoyed a successful year.

There is scarcely, if ever, a year when a full crop of all varieties of garden seeds is brought to maturity fit for seed purposes. This year, owing to the unfavorable weather conditions in the best Bean growing sections of our country the Bean crop is short, in some instances a total failure. Thousands of bushels of Beans grown for seed have been found utterly useless for that purpose, and fit only for feed. Consequently we advise our customers to order their full supply of Beans early.

We thank our many customers for another successful year in the seed business, and take this opportunity of assuring you that, for 1905 we offer, as in the past, the best seeds we have been able to procure, and at as reasonable prices as good reliable seeds can be furnished.

Our Seed Department is in charge of practical seedsmen who have had many years of experience in supplying the gardeners of Western Pennsylvania with seeds, especially the market gardening trade in the vicinity of Pittsburgh.

Seeds by Mail.—Postage is 8 cents per pound. For Peas, Beans and Corn, add 15 cents per quart to prices quoted.

Remittances can be made by postal money order, bank draft, registered letter, express company's money order, or by express. Amounts less than Two Dollars may be remitted in Postage Stamps.

Shipping Instructions.—When goods are to be shipped by freight or express, give plain shipping instructions. Otherwise we use our own judgment in this matter.

Guarantee.—Seeds of the best quality are apt to fail, through improper treatment, by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions are apt to decay. The young plants are liable to various accidents; cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impractical to **guarantee seeds**. We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds we send out and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Terms.—Parties unknown to us will please send money as above stated, or satisfactory reference with order.

Soliciting your orders, which will always have our prompt personal attention, we are,

Very respectfully yours,

I. W. SCOTT & CO.

VEGETABLE SEEDS.

Prices subject to change without notice.

Seeds in papers, 5 cents each, except Cauliflower; for prices on this, see under head of Cauliflower.

Half bushels will be charged at bushel rates; half pecks at peck rates; half pounds at pound rates. Less than half pecks at quart rates; less than quarter pounds at ounce rates.

ASPARAGUS.

Eight ounces of Seed to 100 yards' of row. 15 lbs. to the acre.

	oz.	¼ lb.	1 lb.
Conover's Colossal.....	\$0 10	\$0 15	\$0 35
Palmetto.....	10	15	50
Large Mammoth.....	10	15	50



BEANS.

Dwarf or Bush Green Podded.

Three quarts of Seed to 100 yards of row.
1 ½ bushels to the acre.

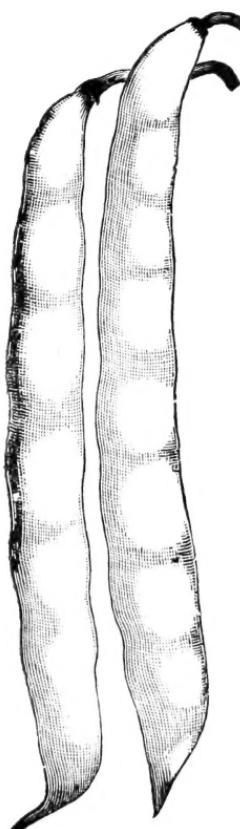
	Pint.	Quart.	Peck.	Bushel.
Burpee's Stringless.....	\$0 20	\$0 35	\$2 25	\$8 00
Improved Ex. Early				
Red Valentine.....	15	25	1 50	5 00
Long Yellow 6 weeks...	10	20	1 25	4 50
Mohawk or 6 weeks....	10	20	1 25	4 50
Refugee or 1,000 to 1...	15	25	1 50	5 00
White Kidney.....	10	20	1 25	4 50
White Marrow.....	10	20	1 25	4 50
Burpee's Bush Lima....	15	25	1 75	6 50
Best of All.....	10	20	1 25	4 50
Longfellow.....			Crop Failed.	
Dwarf Horticultural....	15	25	1 50	5 00
Giant Stringless Green				
Pod.....	20	30	2 00	7 00
Extra Early Refugee..	15	25	1 60	6 00

White Navy..... Prices named upon application.

Dwarf Wax Podded.

Landreth's Scarlet.....	\$0 20	\$0 35	\$2 00	\$7 50
Flageolet Scarlet.....	20	35	2 00	7 50
Golden Wax Improved	20	30	2 00	7 00
Golden Eye Wax.....	20	30	2 00	7 00
Wardwell's Kidney				
Wax.....	20	35	2 50	.....
Stringless Refugee Wax	20	35	2 50	.....
Davis Wax.....	20	35	2 50	.....
Improved Prolific Bl'k				
Wax.....	20	30	2 00	7 00
Detroit Wax.....	20	35	2 25	8 00

Complete stock of fresh seeds, 1904 growth.



Golden Wax Bean.

BEANS.**Pole or Running.**

Three pints of Seed to 100 yards of row. Fifteen quarts to the acre.

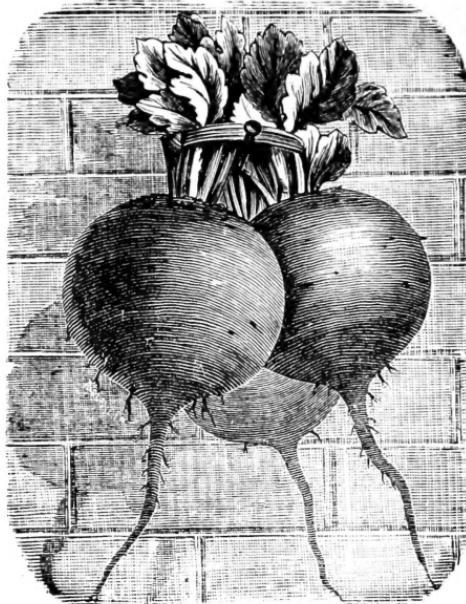


	Pint.	Quart.	Peck.	Bushel.
Sibert's Early Lima.....	\$0 15	\$0 25	\$1 75	\$6 50
King of the Garden Lima.....	15	25	1 75	6 50
Large White Lima.....	15	25	1 75	6 50
Extra Early Jersey Lima	15	25	1 75	7 50
Southern Prolific.....	15	25	1 75	6 50
Horticultural or Wren's Egg.....	15	25	1 50	5 00
*Black Wax.....	15	25	1 60	6 00
*Golden Cluster.....	15	25	1 75	6 50
Lazy Wife.....	15	30	2 00	7 00
Scarlet Runner.....	15	25	1 50	5 00
White Dutch Runner.....	15	25	1 60	6 00
Kentucky Wonder.....	15	25	1 75	6 50
*Giant Red Wax.....	15	25	1 75	6 50
White Sickle.....	15	25	1 75	6 50
King Horticultural.....	15	15	1 75	6 50

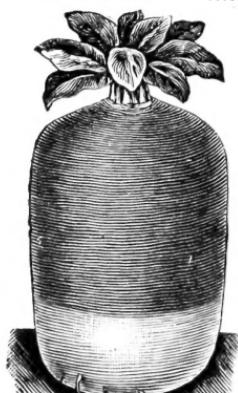
Yellow Podded Pole Beans marked thus*

BEETS—For Table Use.

Five ounces Seed for 100 yards.

**EARLY ECLIPSE BEETS.**

	oz.	¼ lb.	lb.
Extra Early Dirigo.....	\$0	10	\$0 60
Crosby's Extra Early.....	10	20	50
Extra Early Egyptian.....	10	15	40
Extra Early Eclipse.....	10	15	40
Edmunds Early Turnip.....	10	15	40
Dewings Early Blood Turnip.....	10	15	40
Early Blood Turnip.....	10	15	40
Long Smooth Blood.....	10	15	40
Swiss Chard.....	10	20	60
Detroit Dark Red.....	10	20	50
Crimson Globe.....	10	20	60

**Golden Tankard.****CATTLE BEETS
or MANGLE WURZEL.**

Six pounds to the Acre in Drills.

	oz.	¼ lb.	lb.
Norbiton Giant.....	\$0	05	\$0 25
Champion Yellow Globe.....	05	10	25
Golden Tankard.....	05	10	25
Long Red Mammoth.....	05	10	25
White Sugar.....	05	10	25
Red Globe.....	05	10	25



BROCCOLI.

	oz.	$\frac{1}{4}$ lb.	lb.
White Cape.....	\$0 25	\$0 80	\$3 00
Purple Cape.....	25	80	3 00

Brussel's Sprouts.

Broccoli.

CAULIFLOWER.

One-half ounce of Seed to 100 yards of row.



Early Snowball Cauliflower.



Best Imported and Very
Fine, ounce, 15c; $\frac{1}{4}$
pound, 50c; pound,
\$1 50.

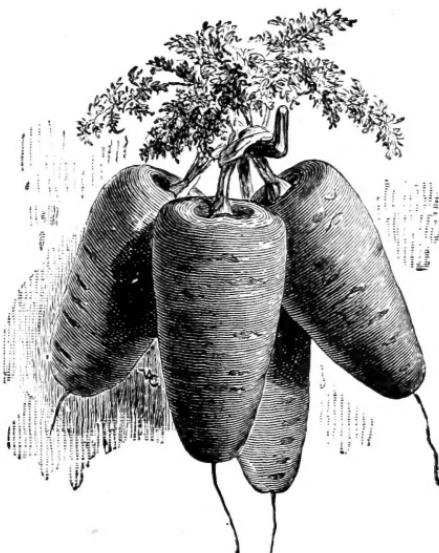
Packet. $\frac{1}{4}$ oz. oz.

Select Early Snow	Ball.....	\$0 40	\$0 75	\$2 50
Early Dwarf Erfurt..	20	75	2 50	
Large Late Dutch...	20	75	2 50	

CARROT.

3 ounces Seed to 100 yards of row.
Four pounds to the Acre.

	oz.	$\frac{1}{4}$ lb.	lb.
Extra Early Forcing	\$0 15	\$0 35	\$1 00
Early Scarlet Horn, pointed root....	10	20	60
Early Scarlet Horn, blunt root.....	10	20	60
Ox Heart or Guerande	10	20	60
Half Long Coreless..	10	20	60
Danver's Half Long	10	20	60
Long Orange Im- proved.....	10	20	60
Scarlet Altringham- Large White Bel- gian.....	10	20	60
Chantenay	10	20	60
James' Intermediate Scarlet.....	10	20	60
St. Valery.....	10	20	60



Chantenay Carrot.

CABBAGE.

One ounce of Seed to 100 yards of row.



Select Early Jersey Wakefield.

	oz.	¼ lb.	1 lb.
Early Spring.....	\$0 20	\$0 60	\$2 00
Extra Early Express.....	20	60	2 00
Landreth's Earliest.....	25	85	3 00
Select Very Early Jersey Wakefield.....	20	65	2 50
Reedland Early Drumhead.....	25	85	3 00
Henderson's Early Summer.....	20	60	2 00
New York Early Summer.....	20	60	2 00
Early Dwarf Flat Dutch.....	20	60	2 00
Early Winningstadt.....	15	40	1 50
Succession.....	20	60	2 00
Fottler's Brunswick.....	20	60	2 00
Burpee's Surehead.....	20	60	2 00
Large Late Drumhead.....	20	65	2 00
Bloomsdale Large Flat Dutch.....	25	65	2 00
Premium Flat Dutch.....	15	40	1 50
Burpee's All Head.....	25	75	2 75
Green Curled Savoy.....	20	50	1 75
Drumhead Savoy.....	20	50	1 75
Hollander or Danish Ball Head.....	25	70	2 00
Mammoth Red Rock.....	25	70	2 50
Red Dutch. for pickling.....	20	45	1 50
Landreth's All the Year 'Round.....	25	75	2 50
Lupton.....	20	60	2 00
All Season.....	20	60	2 00
Landreth's Early Summer, Flat Head.....	25	75	2 50
Charleston Large Wakefield.....	20	65	2 50
Houser.....	40	1 25	4 00

CELERY.**Eight Ounces Per Acre.****CRAWFORD'S HALF DWARF CELERY.**

	oz.	$\frac{1}{4}$ lb.	1b.
Paris Golden.....	\$0 25	\$0 85	\$3 00
Golden Self-Blanching.....	25	85	3 00
Giant Pascal.....	15	50	1 75
White Plume.....	20	60	2 00
Craw ford's Half Dwarf.....	15	50	1 50
Improved Golden Heart.....	15	50	1 50
Boston Market.....	15	50	1 50
Golden Dwarf.....	15	50	1 50
Dwarf White Solid.....	15	50	1 50
Large White Solid.....	15	50	1 50
Celeriac, Large Smooth.....	15	50	1 50
Celery Seed for Seasoning.....	05	10	30
Perfection Heartwell.....	15	50	1 75
New Cremona (very fine).....	50	1 75	.....

CHICORY.

	oz.	$\frac{1}{4}$ lb.	1b.
Large Rooted.....	\$0 10	\$0 25	\$0 75

CORN SALAD.

	oz.	$\frac{1}{4}$ lb.	1b.
Large Seeded.....	\$0 10	\$0 15	\$0 50

CORN—Field.

One Pint of Seed for 100 yards of row. Eight quarts per acre.
Postage 15 cents per quart in addition to prices quoted below.



	pk.	bu.
Gate Post, Yellow Dent.....	\$ 75	\$2 50
Hickory King (White).....	50	1 50
Pride of the North.....	50	1 50
White Cap Dent.....	50	1 50
Leaming Improved.....	50	1 50
Mastodon.....	50	1 50
Ensilage, Evergreen (Sugar)	75	1 75
Ensilage, Cuban Giant	50	1 50
Ensilage, B. & W. White Cob.....	} Prices quoted upon application.	
Ensilage, Red Cob.....		

Grain Bags for above, 18 cents each extra.

Pop Corn..... 10c per lb

SUGAR CORN.

	qt.	pk.	bu.
Adams Extra Early (not a Sugar Corn).....	\$0 15	\$1 00	\$3 50
Early Perfection.....	40	.....	.....
Premo, Extra Early.....	25	1 50	5 00
Stabler's Early.....	20	1 25	3 75
Extra Early Cory, white cob.....	20	1 25	3 75
Extra Early Cory, red cob.....	20	1 25	3 75
Mammoth White Cory.....	20	1 25	3 75
Extra Early Pee & Kay.....	20	1 25	3 75
Extra Early Minnesota.....	20	1 25	3 75
Early Evergreen.....	20	1 25	3 75
Extra Early Crosby.....	20	1 25	3 75
Kendal's Early Giant.....	20	1 25	3 75
Metropolitan.....	20	1 25	3 75
Early Champion.....	20	1 25	3 75
Early Perry's Hybrid.....	20	1 25	3 75
Early Concord (Moore's).....	20	1 25	3 75
Early Mammoth.....	20	1 25	3 75
Shakers Early.....	20	1 25	3 75
Old Colony.....	20	1 25	3 75
Landreth Sugar.....	20	1 50	5 00
Egyptian.....	20	1 25	3 75
Late Mammoth.....	20	1 25	3 75
Stowell's Evergreen.....	20	1 00	3 75
Black Mexican.....	20	1 25	4 00
Country Gentleman.....	20	1 25	4 00
Russell's Prolific.....	20	1 25	3 75
Improved Hickox.....	20	1 25	3 75
White Evergreen.....	25	1 25	4 75
None Such.....	20	1 25	3 75
Squantum.....	20	1 25	3 75
Roslyn's Hybrid.....	20	1 25	3 75



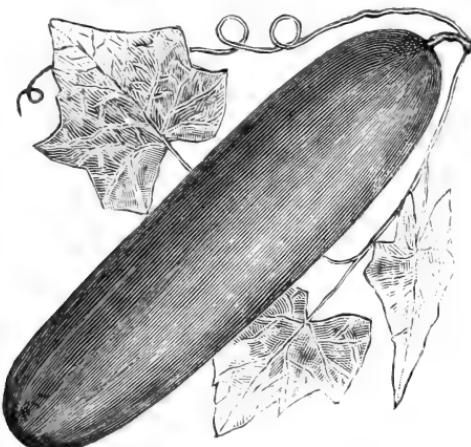
EXTRA CURLY ENDIVE.

Cress or Peppergrass.

	oz.	1/4 lb.	lb.
Curled Pepper.....	\$0 10	\$0 15	\$0 50
Water Cress (true).....	40	.....	.....

Cucumber.

Four ounces Seed to 100 yards of row. Three pounds per acre.



LIVINGSTON'S EMERALD.

	oz.	1/4 lb.	lb.
Livingston's Emerald.....	\$0 10	\$0 30	\$0 90
Early Frame.....	10	30	90
Improved Early White Spine.....	10	30	90
Arlington White Spine.....	10	30	90
Evergreen White Spine.....	10	30	90
Bennett's White Spine Improved.....	10	30	90
Extra Long White Spine.....	10	30	90
Early Russian.....	10	30	90
Early Cluster.....	10	30	90
Green Prolific Pickle.....	10	30	90
Boston Pickling.....	10	30	90
West India Gherkin or Burr.....	10	30	90
Long Green Turkey.....	15	35	1 25
Jersey Pickling.....	10	30	90
Japanese Climbing.....	10	30	90
Cumberland.....	15	35	1 25



Curled Endive.

Endive.

Two ozs. Seed for 100 yds. of row, 3 lbs. per acre.

	oz.	1/4 lb.	lb.
Green Curled.....	\$0 15	\$0 40	\$1 50
White Curled.....	15	40	1 50
Moss Curled.....	15	40	1 50
Broad Leaved.....	15	40	1 50

EGG PLANT.

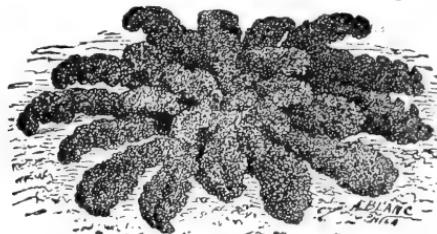
One ounce of Seed for 100 yards of row.

**EGG PLANT.**

	oz.	$\frac{1}{4}$ lb.	lb.
Early Round Purple.....		\$0 25	\$0 85
New York Improved Purple Spineless.....		25	85
Florida High Bush.....	30	1 00	3 50

KALE.

One ounce of Seed for 100 yards of row. Four pounds per acre.

**DWARF CURLLED KALE.**

	oz.	$\frac{1}{4}$ lb.	lb.
True German.....		\$0 15	\$0 30
Dwarf Curled, Scotch.....	10	25	75
Tall Curled, Scotch.....	10	25	75
Siberian.....	15	30	75
Dwarf German.....	10	25	60

KOHL RABI.

One ounce of Seed for 100 yards of row.

**VIENNA KOHL RABI.**

	oz.	$\frac{1}{4}$ lb.	lb.
White Vienna.....		\$0 20	\$0 75
Early Large Purple.....	20	75	2 50
Large Green or White.	15	60	2 00



LEEK.

LEEK.

Two ounces Seed to 100 yards of row.

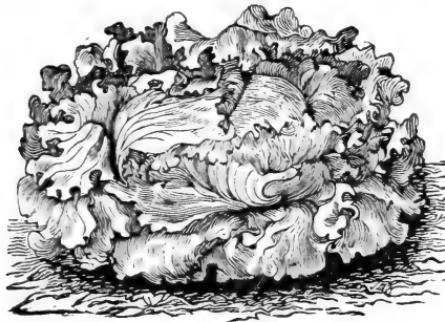
Four pounds to the acre.

oz. $\frac{1}{4}$ lb. lb.

Large London or Flag.....	\$0 15	\$0 40	\$1 50
Musselburg.....	15	40	1 50

LETTUCE.

Two ounces Seed to 100 yards of row. Four pounds to the acre.



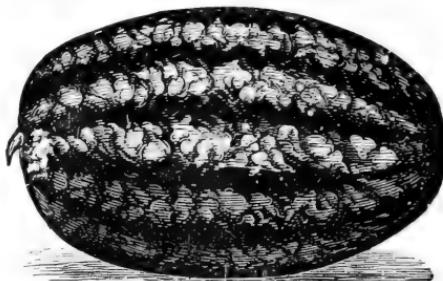
HANSON LETTUCE.

oz. $\frac{1}{4}$ lb. lb.

Grand Rapids.....	\$0 10	\$0 25	\$0 75
Early Curled Simpson, White Seed	10	25	75
Black Seeded Simpson.....	10	25	75
Golden Curled	15	40	1 50
Bloomsdale Reliable.....	20	60	2 00
Landreth's Forcing.....	20	60	2 00
St. Louis.....	15	30	1 00
Large Summer Cabbage.....	10	25	75
Hanson (Improved)	10	30	90
Boston Curled.....	10	25	75
Boston Market.....	10	25	75
New York.....	10	25	75
Curled Silesian.....	10	25	75
Brown Dutch.....	10	25	75
Big Boston	10	25	75
Brown Chartier's	15	40	1 50
White Chartier's	15	40	1 50
Large Curled India.....	15	35	1 00
Salamander	15	30	1 00
Wonderful.....	10	30	1 00
All Season	15	40	1 50
Mammoth Black Seeded Butter.....	15	40	1 50
Immensity (New and Extra Fine).....	20	60	2 00
Victoria.....	10	30	90

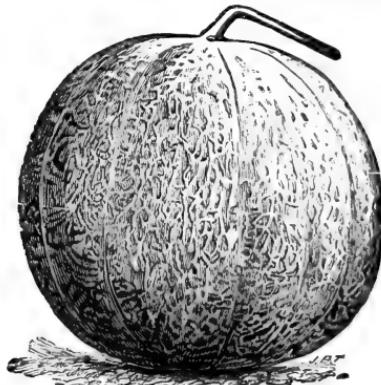
MELON—Water.

Three ounces of
Seed to 100 yards
of row, 4 lbs. to
the acre.



BOSS WATER MELON.

	oz.	1/4 lb.	1 lb.
Florida Favorite.....	\$0 15	\$0 30	\$1 00
Iron Clad.....	10	15	50
Kolb's Gem.....	10	15	50
Cuban Queen.....	10	15	50
Dark Rind Icing.....	15	25	75
Light Rind Icing.....	15	25	75
Mountain Sweet.....	10	15	50
Landreth's Boss.....	15	30	1 00
Dixie.....	10	15	50
Colorado (Preserving).....	10	15	50

MELON—Musk or Cantaloupe.

Two ounces of
Seed to 100 yards
of row, 4 lbs. to
the acre.

EMERALD GEM.

	oz.	1/4 lb.	1 lb.
Extra Early Hackensack—Green Flesh.....	\$0 15	\$0 35	\$1 00
Baltimore or Acme—Green Flesh.....	15	35	1 00
Netted or Golden Gem—Green Flesh.....	15	35	1 00
Early Jennie Lind—Green Flesh	15	35	1 00
Hackensack or Turks Cap—Green Flesh.....	15	35	1 00
Montreal Market—Green Flesh.....	20	40	1 25
Cassaba—Green Flesh.....	20	40	1 25
Miller's Cream—Yellow Flesh	15	35	1 00
Emerald Gem—Salmon Flesh.....	20	40	1 50
Banana—Orange Flesh.....	20	40	1 25
California Citron—Yellow Flesh	10	25	75
Princess—Green Flesh.....	20	40	1 25
Tip Top—Green Flesh.....	20	40	1 50
Melrose, Rich Dark Green (oval).....	20	40	1 25
Rocky Ford.....	15	35	1 00

MUSTARD.

Five ounces of Seed to 100 yards of row.

Four pounds to the acre.

	oz.	1/4 lb.	1b.
White or Yellow.....	05	10	25

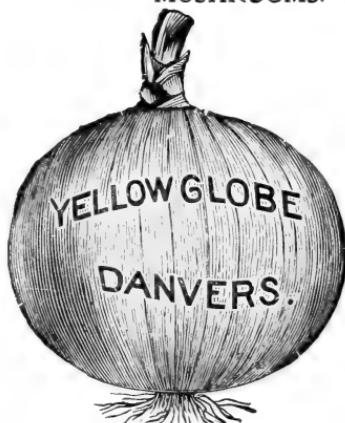
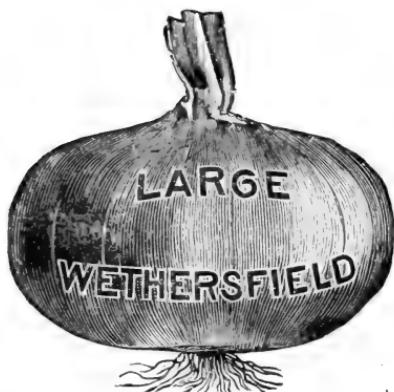
Mushroom Spawn.

Printed directions for growing furnished free.

French.....	Per lb.,	15c
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MUSHROOMS.

ONION.

Six to eight pounds per acre for large Onions.

Sixty to seventy pounds per acre for sets.

	oz.	1/4 lb.	1b.
Extra Early Large Red.....	\$0 15	\$0 35	\$1 25
Large Red Wethersfield.....	15	35	1 25
Yellow Danver's Flat.....	15	35	1 25
Yellow Globe Danver's.....	15	35	1 25
Yellow Dutch or Strasburg.....	15	35	1 25
White Portugal or Silver Skin.....	20	65	2 00
White Pearl.....	20	65	2 00
Maule's Prizetaker (Yellow).....	15	40	1 50
Southport White Globe.....	20	65	2 25
Southport Yellow Globe.....	15	40	1 50

**Onion Sets.**

Yellow.....	Market Prices
White.....	Market Prices

Okra.

Twelve ounces of Seed to 100 yards of row.

20 pounds to the acre.

	oz.	1/4 lb.	1b.
Long Green.....	\$0 10	\$0 20	\$0 60
Dwarf Prolific.....	10	20	60



Parsnip
Hollow
Crown

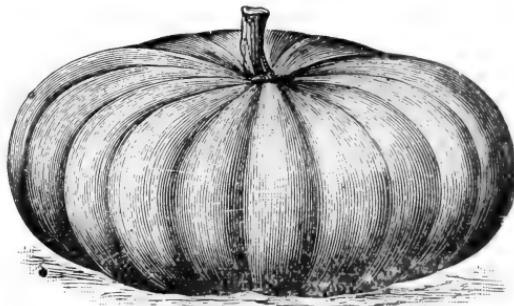
PARSNIP.

Three ounces of Seed for 100 yards of row.
Eight pounds per acre.

	oz.	$\frac{1}{4}$ lb.	lb.
Hollow Crown or Long Smooth.....	\$0 10	\$0 15	\$0 40
Guernsey.....	10	15	40
Maltese Half Long.....	10	15	50
Bloomsdale.....	10	15	50

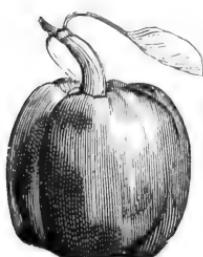
PUMPKIN.

Two quarts to the acre. Hills 8 by 8 feet.



Cheese Pumpkin.

	oz.	$\frac{1}{4}$ lb.	lb.
Green Cashaw.....	\$0 10	\$0 25	\$0 75
Small Sugar (Very Fine).....	10	25	75
Cashaw, Large Crookneck.....	10	25	75
Large Cheese.....	10	20	60
Mammoth Tours.....	10	25	80
Connecticut Field (Choice).....	per qt.	\$0 20; per pk., \$1 25; bu., \$4 50	
Kentucky Field.....	per qt.	\$0 20; per pk., \$1 25; bu., \$4 50	



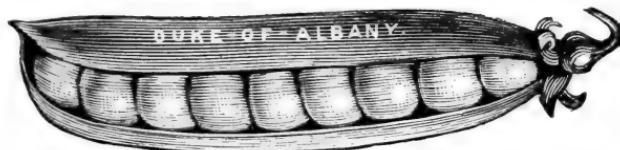
PEPPER.

PEPPER.

One ounce of Seed to 100 yards of row.

	oz.	$\frac{1}{4}$ lb.	lb.
Ruby King.....	\$0 20	\$0 65	\$2 50
Sweet Spanish.....	20	65	2 50
Bull Nose.....	20	65	2 50
Long Red Cayenne.....	20	65	2 50
Small Cayenne.....	20	65	2 50

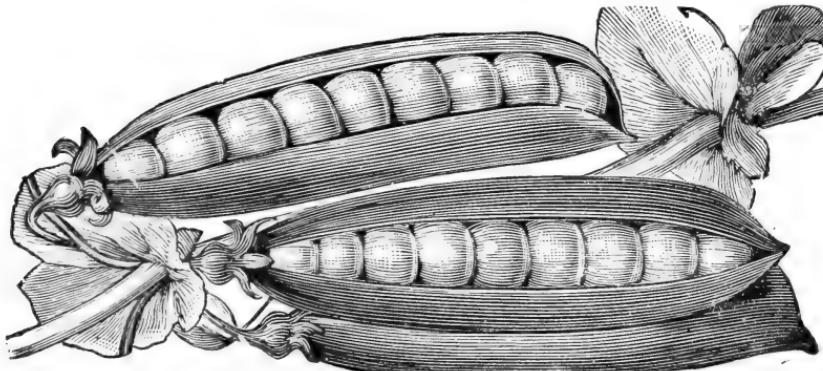
PEAS.



DUKE OF ALBANY.

Three quarts of Seeds for 100 yards of row.
 Dwarf Varieties, 2 bu. per acre. Tall Varieties, 1 to 1 1/2 bu. per acre
 Broadcast, three bushels per acre.

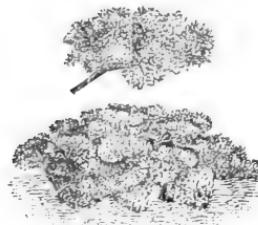
	Quart.	Peck.	Bushel.
*Thomas Laxton.....	\$0 40	\$2 50	.....
*Prosperity.....	35	2 50	9 00
*Extra Early Telephone or Gradus.....	35	2 50	9 00
*Carter's Telephone.....	25	1 75	5 50
*Improved Telephone.....	25	1 75	5 50
*Dwarf Telephone.....	25	1 75	6 50
*Eclipse Extra Early, very fine.....	25	1 60	6 00
Landreth's Extra Early (sealed bags).....	25	1 75	6 00
Alaska Extra Early.....	25	1 25	4 00
Rice's Extra Early.....	25	1 25	4 50
First and Best.....	25	1 25	4 50
*McLean's Little Gem.....	25	1 75	6 00
*Juno.....	25	1 50	5 00
*Laxton's Alpha.....	25	1 25	4 50
*Champion of England.....	20	1 25	4 00
*American Wonder.....	30	2 00	7 00
*Carter's Strategem.....	25	1 75	6 00



NOTT'S EXCELSIOR.

*Nott's Excelsior.....	30	1 75	6 00
*Pride of the Market.....	25	1 60	5 50
Large White Marrowfat.....	20	90	3 00
Black Eye Marrowfat.....	20	90	3 00
Dwarf Gray Sugar (Edible Pod).....	25	1 50	5 00
Melting Sugar (Edible Pod).....	25	1 75	6 50
*Duke of Albany.....	25	1 75	5 50
*Purple Blossom Sugar.....	20	1 20	4 00

Canada Field and Cow Peas—Prices furnished upon application.
 Wrinkled Peas are marked thus*



PARSLEY.

Two ounces of Seed for 100 yards of row.

Eight pounds per acre.

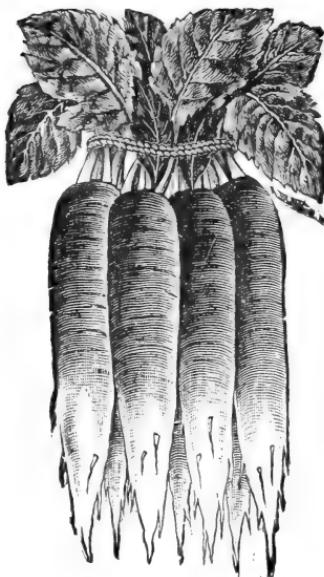
	oz.	1/4 lb.	1 lb.
Double Curled.....	\$0 10	\$0 15	\$0 50
Champion Moss Curled.....	10	15	50
Plain or Single.....	10	15	50

Double Curled Parsley.

RADISH.

Six ounces of Seed will plant 100 yards of row. Eight pounds to the acre.

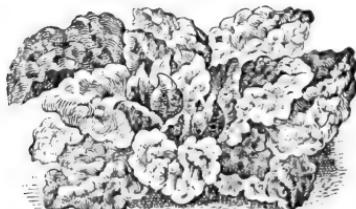
oz. 1/4 lb. 1 lb.



Extra Early White Tip	oz.	1/4 lb.	1 lb.
Forcing.....	\$0 10	\$0 25	\$0 75
Early White Box.....	10	25	75
Early Cincinnati.....	10	20	60
French Breakfast.....	10	20	60
Long Scarlet Short Top...	10	20	50
Woods Early Frame.....	10	20	50
Early Scarlet Turnip.....	10	20	50
Early White Turnip.....	10	20	50
White Strasburg.....	10	20	50
Golden Globe.....	10	20	50
Chartier Rose Improved....	10	20	50
Long Black Spanish.....	10	20	50
White Vienna.....	10	20	50
White Lady Finger.....	10	20	50
White Stuttgart.....	10	20	50
Long White Spanish.....	10	20	50
Market Gardener's Long Scarlet.....	10	20	65
Winter Chinese Rose....	10	20	50
Round Black Spanish.....	10	20	50
Golden Yellow Oval.....	10	20	50
Icicle.....	10	25	60
Celestial.....	10	20	50

Chartier's Radish.

SPINACH.



SPINACH.

Six ounces Seed for 100 yards of row.

oz. 1/4 lb. 1 lb. 7 lbs. 50 lbs.

Round Leaved Dutch.....	\$0 05	\$0 10	\$0 20	\$1 00	\$6 25
Large Round Thick Leaved.....	05	10	20	1 00	6 25
Bloomsdale Savoy Leaved	05	10	20	1 00	6 25
Victoria.....	05	10	20	1 00	6 25
Bloomsdale (sealed bag).....				\$1 35	per 5-lb. bag

SQUASH.**SQUASH—BOSTON MARROW.**

3 ounces Seed for 100 yards of row.

3 pounds to the acre.

	Ounce.	$\frac{1}{4}$ Pound.	Pound.
Ford Hook	\$0 10	\$0 25	\$0 75
Early White Bush.....	10	25	75
Essex Hybrid.....	10	25	75
Perfect Gem.....	10	25	75
Boston Marrow.....	10	25	75
Hubbard.....	15	35	1 00
Marblehead.....	10	25	75
American Turban.....	10	25	75
Orange Marrow.....	10	25	75

SUNFLOWER.

	$\frac{1}{4}$ Pound.	$\frac{1}{2}$ Pound.	Pound.
Giant Russian.....	\$0 05	\$0 10	\$0 15

**SALSIFY.**

4 ounces of Seed will sow 100 yards of row.

	Ounce.	$\frac{1}{4}$ Pound.	Pound.
Mammoth Sandwich Island	\$0 15	\$0 40	\$1 50

SALSIFY.



TOBACCO.

TOBACCO.

	Ounce.	¼ Pound.	Pound.
Havana	\$0 30	\$1 00	3 00
Connecticut Seed Leaf.....	30	1 00	3 00



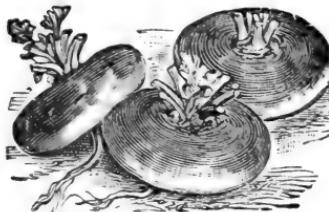
TOMATO.

Three ounces will
sow 100 yards of row.

	Ounce.	¼ Pound.	Pound.
New Dwarf Stone.....	\$0 30	\$1 00	\$.....
Spark's Earliana.....	25	80	.....
Livingston New Magnus.....	20	70	2 50
Acme.....	20	70	2 50
Beauty.....	20	70	2 50
Favorite.....	20	70	2 50
Trophy Improved.....	20	70	2 50
Perfection.....	20	70	2 50
Pear Shaped, Red.....	20	70	2 50
Pear Shaped, Yellow.....	20	70	2 50
Paragon.....	20	70	2 50
Peach.....	20	70	2 50
New Dwarf Champion.....	25	90	3 00
Stone.....	20	70	2 50
Matchless	20	75	3 00
Buckeye State.....	25	75	3 00
Aristocrat.....	25	90	3 00
Royal Red.....	20	70	2 50
Ponderosa.....	35	1 25	4 00
T. T. L., or Ten Ton Landreth's.....	25	80	3 00
Yellow Plum.....	25	75	3 00
Essex Hybrid.....	25	80	3 00
Beefsteak.....	25	80	3 00
Trucker's Favorite.....	25	90	3 00
Fordhook.....	20	70	.....

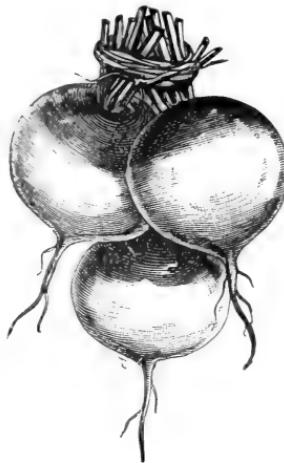
TURNIP—For Table Use.

Three ounces of seed will sow 100 yards of row, one pound to the acre.

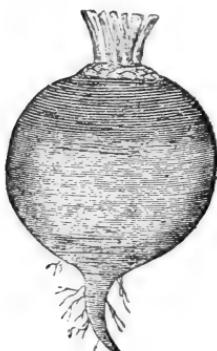


Purple Top Turnip.

	oz.	1/4 lb.	lb.
Early Red Top, Strap Leaf or Purple Top.....	\$0 10	\$0 15	\$0 40
Early White Dutch, Strap Leaf.....	10	15	40
Early Red Top Globe.....	10	15	40
Cow Horn.....	10	20	50



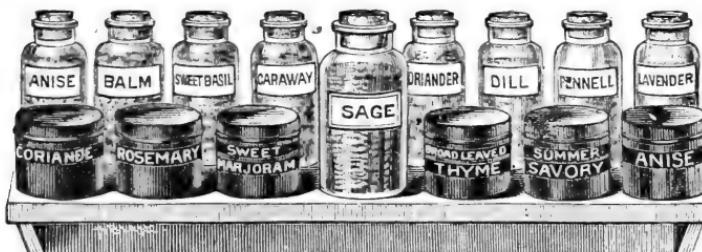
Red Top Globe Turnip.



Bloomdsale Swede.

TURNIP—For Stock.

	oz.	1/4 lb.	lb.
Sweet German Ruta Baga.....	\$0 10	\$0 15	\$0 40
Improved Purple Top Ruta Baga.....	10	15	40
Bloomdsale Swede.....	10	15	40

HERBS.

	oz.	1/4 lb.	lb.		oz.	1/4 lb.	lb.
Anise.....	\$0 10	\$0 30	\$1 00	Horehound.....	\$0 25	\$0 75	\$2 00
Balm.....	25	75	2 50	Lavender.....	25	75	2 00
Sweet Basil.....	25	75	2 50	Sweet Marjoram	20	40	1 50
Borage	15	40	1 25	Rue	25	75	2 00
Caraway.....	10	25	75	Sage.....	25	75	2 00
Coriander.....	10	25	75	Summer Savory	20	40	1 50
Dill.....	10	25	60	Thyme	25	60	2 00
Sweet Fennel..	15	40	1 00	Tansy.....	Per Packet, 10 cents		

FLOWER SEEDS.

SWEET FLOWERING PEAS.

Every One Who Cultivates Flowers Should Plant Sweet Peas.



The Sweet Pea is one of the most popular flowers in cultivation and numbers among its enthusiastic admirers thousands of skillful cultivators. It is a free flowering climber, and considered one of the best annuals that enrich the flower garden.

Early in spring make a trench about six inches deep in rich, mellow soil, so arranged that no water can stand in it, and plant the seed in the bottom, taking care not to cover it more than two inches. When the plants are about five inches high, fill up the trench and furnish some support for the vines to run upon. The flowers should be picked before they form pods, or the plants will soon stop flowering.

	oz.	1/4 lb.	lb.
Finest Mixed Varieties (Eckfords)	\$0 10	\$0 20	\$0 50

MORNING GLORY,

	oz.	1/4 lb.	lb.
Finest Mixed—Tall	\$0 10	\$0 25	\$0 75
Finest Mixed—Dwarf	10	25	75
Japanese Very Fine.....	30	1 00	.....

NASTURTIUM.

Four ounces of Seed to 100 yards of row.

Tall Fine Mixed	\$0 10	\$0 25	\$0 75
Dwarf Fine Mixed	10	25	75

GOURDS.

Dipper Gourd	\$0 15	ounce.	Dish Rag Gourd	\$0 20	ounce
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TUBE ROSE BULBS.

Per dozen	\$0 25
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MISCELLANEOUS.

Astor, Carnation, Hyacinth, Pansy, Petunia, Pink and many other varieties, in packets only.

LAWN GRASS.

	Pound.	Peck.	Bushel.
Extra Fine Mixed.....	\$0 20	\$0 65	\$2 50

FIELD SEEDS.

We carry in stock choice grades of the following Field Seeds, on which, owing to the fluctuations in the market, we can not give prices. Prices furnished upon application.

Medium or Small Red Clover,	Perennial Rye Grass
Mammoth Clover,	Hungarian Grass,
Alfalfa, "	Barley,
Alsike, "	Fall Wheat,
Crimson, "	Spring Wheat,
White Dutch "	Fall Rye,
Timothy,	Spring Rye,
Blue Grass,	Oats,
Orchard Grass,	Buckwheat,
Red Top,	Cow Peas,
Millet,	Soy or Soja Beans,
Kaffir Gorn	Essex Rape,
Vetches,	Sorgum.
Speltz.	

FERTILIZERS.

TRUCKER'S MANURE:—A high grade Vegetable and Potato Fertilizer. 100 lb. Bag, \$2 00; Ton, \$32 00.

SCHAAL'S CORN AND POTATO:—An excellent Fertilizer at a moderate price, for Corn and Potatoes. 100 lb. Bag, \$1.75; Ton, \$28.00.

GUANO:—Quick in action, and rich in Plant Food; makes an excellent Fertilizer for General Purposes. 100 lb. Bag, \$1.50; Ton, \$25.00.

PURE RAW BONE MEAL:—Made of Pure Bone, ground fine, rich in Nitrogen and Phosphoric Acid. 100 lb. Bag, \$1.75; Ton, \$28.00.

FARMER'S FAVORITE:—A good moderate priced Fertilizer. 100 lb. Bag, \$1 40; Ton, \$24.00.

LAWN AND GREEN HOUSE BONE MEAL:—A pure fine ground bone, free from acids. 100 lb. Bag, \$2.00; Ton, \$33.00.

FERTILIZER LIME:—Ask for special prices in carload lots.

MURIATE OF POTASH	} Furnished on orders at market Prices.
SULPHATE OF POTASH	
NITRATE OF SODA	
KAINIT	

CANADIAN UNLEACHED HARD WOOD ASHES.

These ashes are selected with care, sifted and guaranteed free from adulteration and pure unleached. They make an excellent fertilizer for grass lands, and garden and fruit crops. Ask for special circular. 200 lb. Bag, \$2.50; 1,000 lb., \$9.00; 2,000 lb. \$16.00. Ask for Special Prices on larger quantities.

NITRO-CULTURE.

IMMENSE CROPS WITHOUT FERTILIZERS.

NO TIME. NO LABOR. LITTLE EXPENSE.



AN EXPERIMENT WITH VETCH ON BAKREN GROUND. AT THE LEFT THE SEED WAS NOT TREATED; ON THE RIGHT IT WAS INOCULATED BEFORE PLANTING.

(From Year Book of Dept. of Agriculture.)

A new, sure, and easy way has recently been discovered to make worn-out or poor land enormously productive without fertilizers and almost without expense. Plants need nitrogen—can't grow without it. Heretofore fertilizers have been needed to put nitrogen into the soil. Nitrogen is very necessary—is the most expensive part of fertilizers. The new way is easier, surer, cheaper—it is to let nitrogen gathering germs feed the plants.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants can't extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants. That's the secret of the new way that is making many farmers rich. The germs do the work—the farmer gets the profit. They save expense, reduce the work, increase the crop enormously, even make it possible to grow Alfalfa and other crops where they never would grow before.

The new way saves the cost of fertilizers and is very easy to use. The germs come ready for use, in a form called Nitro-Culture. Nitro-Culture is put up in small dry packages you can put in your vest pocket. Simply add it to water, and sprinkle the water over the seeds before planting. The germs remain on every seed—live with it—increase about it—feed the roots when they start and keep on feeding them. They also enrich the soil by storing nitrogen in it, so that the second year's crop, whatever it may be, is increased from two to ten times.

(CONTINUED ON NEXT PAGE.)

What is Claimed for Nitro-Culture.

On poor or sandy soil, any leguminous (*i. e.* pod bearing) crop, such as clover, alfalfa, beans, peas, vetch, peanuts, etc., can (provided good seed is used) be more than doubled the first year, by merely moistening the seed with a solution of Nitro-Culture bacteria and allowing it to dry on the seeds before planting. Perhaps the greatest benefit may be derived the second year when any crop, such as wheat, corn, cotton, potatoes, etc., may be planted without fertilizer, and they will yield double what would otherwise be taken from the same land. Many persons claim that in money value this would be equal to \$20.00 per acre, or that a like amount would have to be expended on phosphates, capable of producing equal results. **Can you afford to overlook this cheap but effective method which nature has provided for the enrichment of the soil?**

THE U. S. DEPARTMENT OF AGRICULTURE SAYS:

"It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating the germs be resorted to the crop will be a failure."

PRICE LIST.



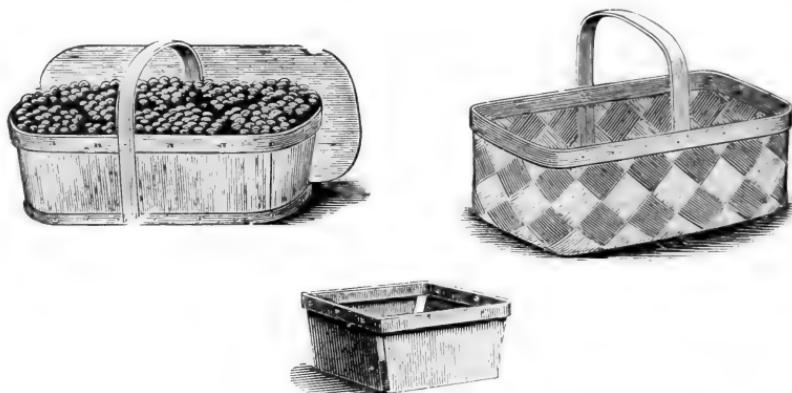
Roots of Soy Beans, showing the nodules which collect the free nitrogen from the air and deposit it in the soil, thus making barren land productive, and after the first crop is harvested the ground is left richer and better for the next year's crop.

Nitro-Culture sufficient to inoculate the following seeds per acre, mailed to any address in the United States or Canada at the following prices:

Alfalfa	per acre, \$2.00
Red Clover	" 2.00
Crimson Clover	" 2.00
Alsike Clover	" 2.00
Cow Peas	" 2.00
Garden Peas	½ acre, 1.00
Swee Peas	½ acre, 1.00
Wax Beans	per acre, 2.00
Soy Beans	" 2.00
String Beans	" 2.00
Vetch	" 2.00
Velvet Beans	" 2.00
Peanuts	" 2.00
Horse Beans	" 2.00
Lima Beans	" 2.00

Guaranteed to keep six months from date of shipment and can be used within that time.

FRUIT PACKAGES.



We make a specialty of Fruit Packages, all kinds and sizes to suit the gardening and fruit growing trade in Western Pennsylvania, among which are the following:

Quart Berry Baskets.

Grape Baskets with and without lids.

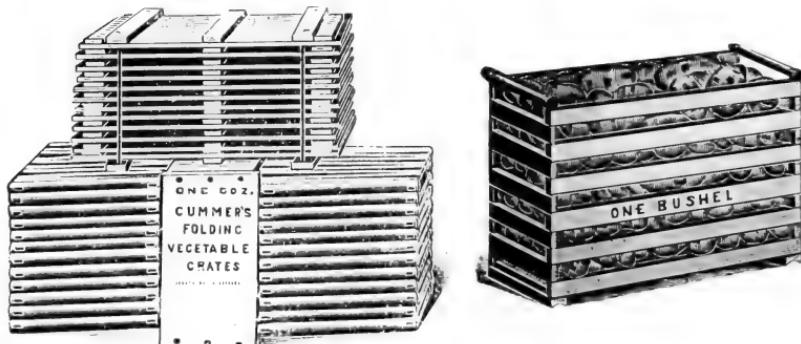
Diamond Market Baskets— $\frac{1}{4}$ bu. and $\frac{1}{2}$ bu.

Hand-Made Baskets—1, 2 and 3 bu.

Stave Baskets—1 bu.

When you are in the market for Baskets, please ask us for prices.

Cummer Folding Fruit and Vegetable Crates.



(One dozen Crates folded.)

FOR FRUIT AND PRODUCE GROWERS, SHIPPERS AND DEALERS.

They are **LIGHT, STRONG** and **DURABLE, SIMPLE** and **EASILY FOLDED**. **NO NAILS, SCREWS, or TOOLS** required.

Size of crate (outside) $11\frac{1}{8}$ inches wide, $20\frac{1}{2}$ long, $13\frac{1}{2}$ inches high.
Size of slats $\frac{5}{8} \times 15\frac{1}{2}$ with corners rounded.

35c each; 3 for \$1.00; per dozen \$3.00.

"WIARD."

PLOWS.

"GALE."

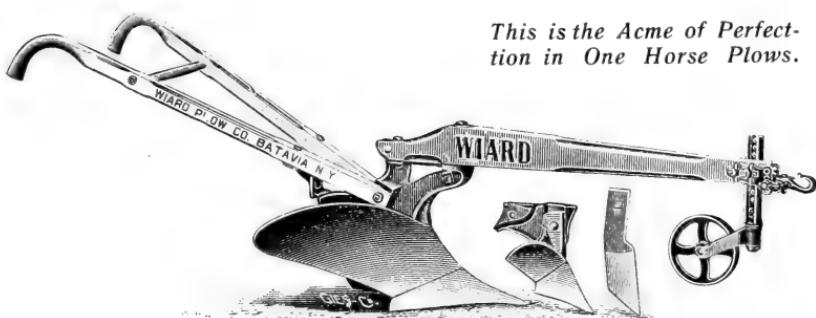
We carry in stock the largest assortment of plows, both level land and hillside, in Western Pennsylvania. We are prepared to meet the requirements of the most particular plowman—from the small market gardener, who plows but a few acres, to the large grain grower who turns over his hundreds of acres each year.

The Wiard and Gale plows have for many years been recognized as leaders in this class of agricultural implements—The Wiard having been continuously manufactured for one hundred years. The fact that a line of plows has been continuously manufactured for an entire century, with a constantly increasing output, ought to convince the most skeptical that the goods have great merit, and are "Up to Date" Implements.

Although we carry these plows in many styles and sizes we can show but a few of the leaders here. A complete catalogue showing plows adapted to all kinds and conditions of soils will be sent on request.

No. 10 C, Wiard One-Horse Garden and Vineyard
Chilled Plow—Right Hand.

*This is the Acme of Perfect-
tion in One Horse Plows.*



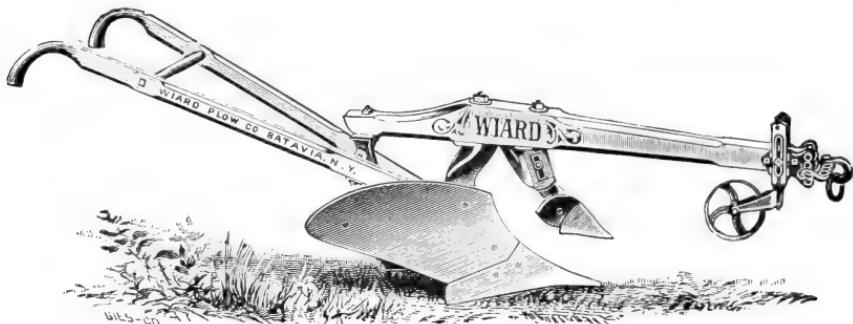
Capacity 4 to 7 inches deep, 6 to 11 inches wide, weight 77 lbs.

This plow has adjustable beam, automatic wheel and Scotch clevis. It has handles that shift from left to right, so that the plow can run close to trees, hop poles, vines, etc., especially adapting it for vineyard work, as it can be run under grape trellis wire. The handles also adjust in height for a tall man or a short boy.

Price, Plain, without Wheel or Jointer.....	\$ 6 75
" With Wheel	7 75
" " " and Jointer.....	9 25

No. 17 Wiard Level Land Chilled Plow.

For General-Purpose Work, in all Kinds and Conditions of Soils.
This Plow Cannot be Excelled.

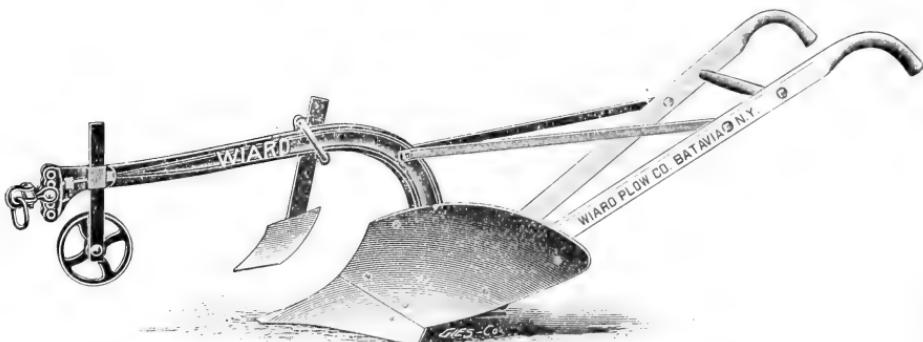


RIGHT HAND—TWO HORSE.

Capacity 5 to 8 inches deep, 10 to 14 inches wide, weight 105 lbs.
This Plow is constructed with special reference to obtaining
the greatest strength with least weight.

**Price without Wheel and Jointer, \$8.75; with Wheel, \$9.75; with
Wheel and Jointer, \$11.75.**

No. 105 Wiard Steel Beam Plow—Left Hand.



Left Hand, Two Horse with Steel Moldboard.

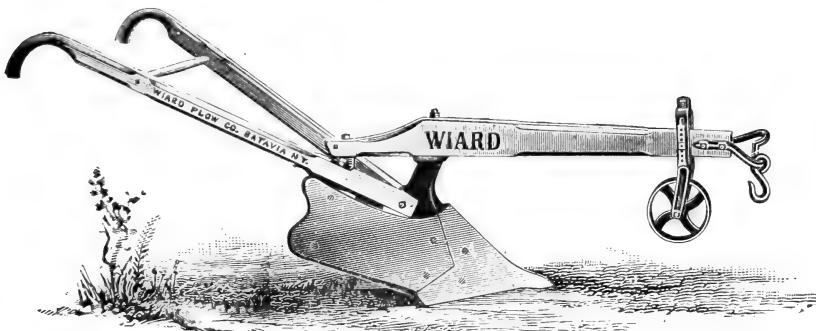
Capacity 6 to 9 inches deep, 10 to 14 inches wide, weight 106 lbs.

This is a new pattern Grooved Steel Beam Plow, with highest grade "soft center" steel moldboard and solid steel landside. Attached to the bottom of the landside is a cast shoe with chilled flange, wearing longer than any other. The Beam is grooved steel, lightly constructed and very strong.

Although this plow has been on the market only one season it has proven popular with the farmers on account of ease of handling, light draft and superior work. Its shape and turning qualities are unsurpassed, adapting it to all soils. We also make the same style plow in right hand No. 100.

Price with Wheel and Jointer.....	\$13 50.
" " " only	11 50.
" without Wheel or Jointer.....	10 50.

No. 21, Wiard Swivel Chilled Plow—One Horse.

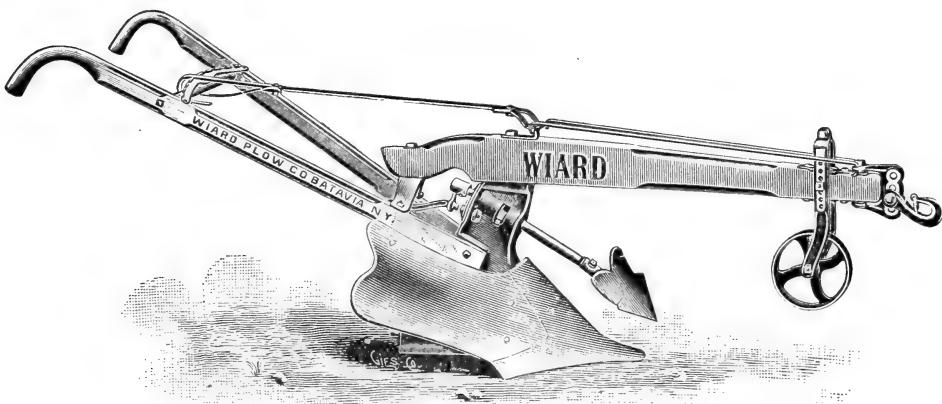


Capacity 4 to 7 inches deep, 6 to 10 inches wide, weight 77 lbs.

By an ingenious but simple device attached to the No. 21 one-horse plow it can be used with the horse walking in the furrow, a great convenience for garden and vineyard work, and can be used with two horses when an exceedingly tight two horse swivel plow is wanted.

Price: With Wheel	\$8.50.
“ Without Wheel	7.50.

No. 140, Wiard Wood Beam Swivel Plow—Two Horse.



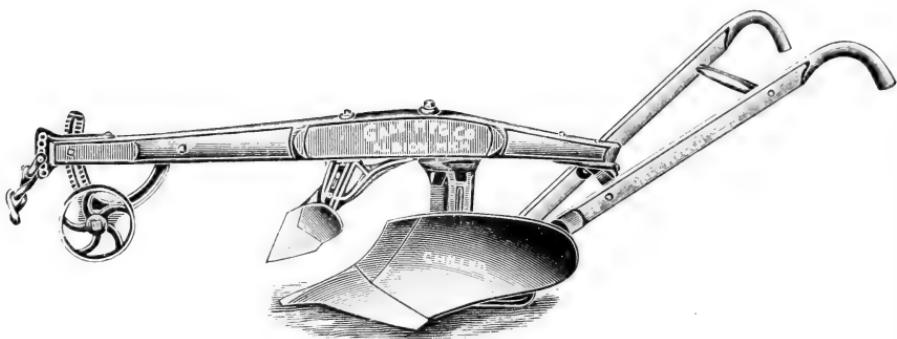
With Chilled Mold-board and Automatic Jointer or Coulters.

Capacity 5 to 8 inches deep, 10 to 13 inches wide, weight 110 lbs.

This is the most superb of all Wood-Beam Swivel Plows. It has a strong, high standard and long shoe, making it one of the most steady running plows in our list. This cut shows it rigged with Jointer, Wheel and Patent Adjustable Clevis, by which the Plow is caused to take, more or less land, at the will of the Plowman, entirely overcoming all objections to its use on level land. Price as above described, \$13.00. If wheel is not wanted deduct \$1.00. If Jointer is not wanted deduct \$2.00.

No. 30—Gale Wood Beam Chilled Plow.

A General Purpose Plow for Two or Three Horses, made in
Left Hand and Wood Beam only.



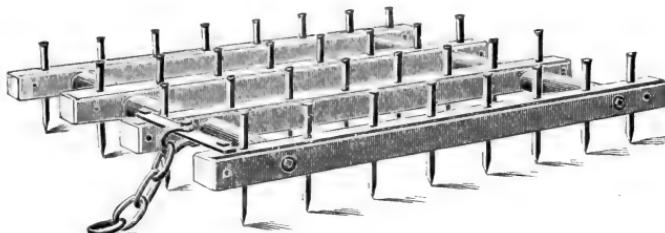
Capacity $6\frac{1}{2}$ to $7\frac{1}{2}$ inches deep, 13 to 15 inches wide, weight as shown above, 132 lbs. Weight of Plain Plow, 106 lbs.

We have sold the No. 30 Gale Plow for the last 20 years. It is unexcelled as a general purpose plow, and there are hundreds of them in use in Western Pennsylvania. We can highly recommend them.

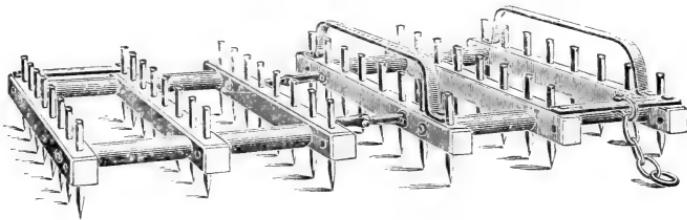
Price without wheel or jointer.....	\$ 8 00
“ with wheel only.....	9 00
“ “ “ and jointer as shown in cut.....	11 00

We kindly ask the reader of this catalogue to remember that the foregoing are but a few of the leading styles and sizes of plows we carry in stock. We can furnish both Hillside and Level Land Plows with wood or steel beam, chilled or steel moldboard, rigged with plain or adjustable clevis, wheel, jointer or coulter. A full descriptive catalogue will be mailed on request.

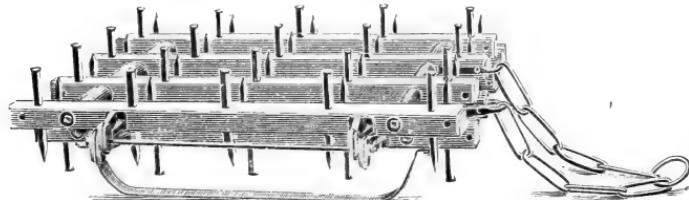
Wood Frame Harrows—With Runners.



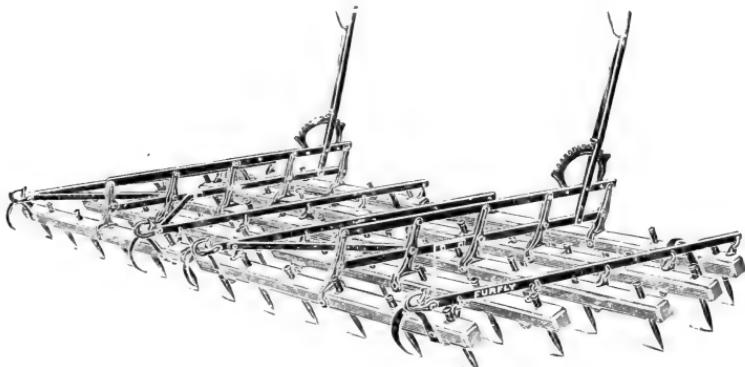
Malta 32 tooth 1 Section Wood Frame Harrow with Runners.....\$5 50
(This Harrow has runners like Two Horse Harrow shown below)



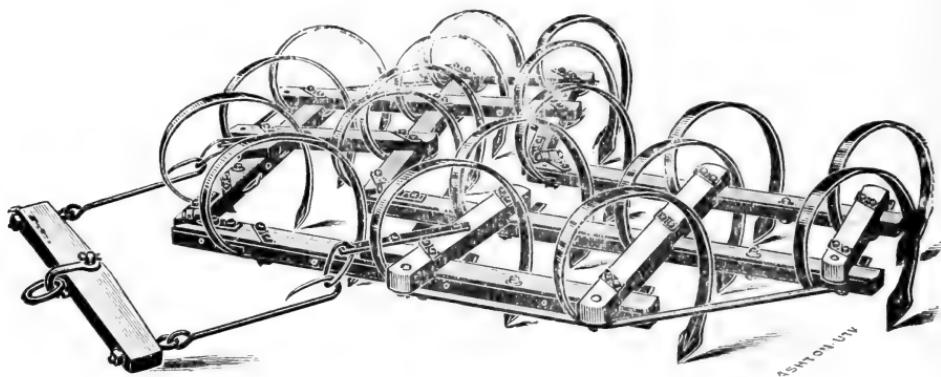
Malta 48 tooth Two Section Wood Frame Harrow with Runners.....\$8 00



Malta 40 tooth Two Section Wood Frame Harrow with Runners..... \$7 50
(Above cut shows harrow folded for transportation.)



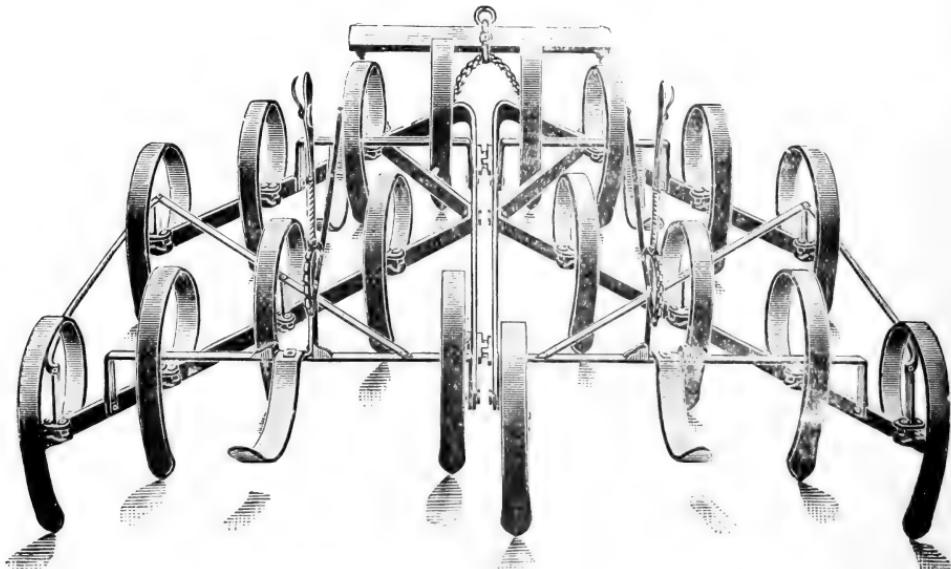
Perry Wood Frame Spring Tooth Harrow.



The very best construction throughout. Fully Lined. Guarded at the sides. Bolt heads protected. Has the most secure, substantial and satisfactory Tooth Fastenings. Made from best materials.

Price, with 16 Teeth	\$8 50.
Price, with 18 Teeth.....	9 50.

THE DAVISON STEEL FRAME Lever Spring Tooth Harrow, WITH SHOES.

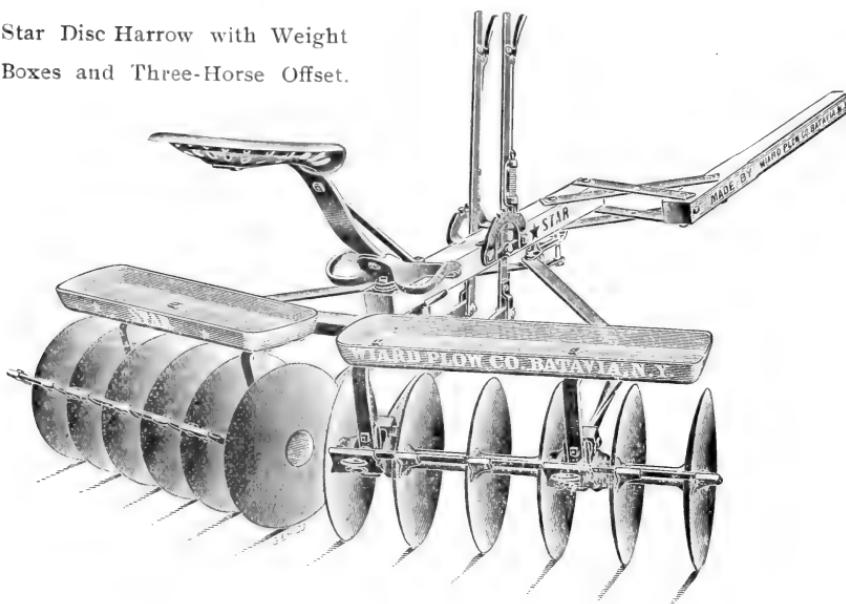


Price, with 16 Teeth.....	\$14 50.
Price, with 18 Teeth.....	15 50.

Star Disc Harrows.

Star Disc Harrow with Weight

Boxes and Three-Horse Offset.



The *Star Disc Harrow* contains all features of any importance in a disc harrow, and includes besides many advantages and conveniences, among which we mention the following:

The strong channel-steel frame and braces that hold both ends of each gang down to their work, and at the same time give the desired flexibility.

A seat so arranged that it can be adjusted for a light or heavy driver and all excess of weight taken off the horses' necks.

A pole so raised that the whiffetrees can be hung under it where they belong without any inconvenience.

Adjustable cleaners, placed exactly where they are wanted without unnecessary machinery or complication, and which can be removed in a minute's time when desired. Anti-friction rollers over the draw irons, by which the gangs can be placed at any angle without strain or friction and with least power. Steel weight boxes which are entirely separate from the frame, but which can be attached when wanted without change and with but slight addition to the parts at least expense.

Prices, Including Doubletrees and Neckyoke.

Size	Description	Width	No. Discs	Sizes of Discs	Doubletrees	Price without Weight Boxes	Price with Weight Boxes
No. 3	Light 2-horse.....	5 ft.	10	16 in.	2 horse	\$20 50	\$21 50
No. 4	2 or 3-horse.....	6 ft.	12	16 in.	2 or 3-horse	22 00	23 00
No. 5	Heavy 2 or 3-horse..	7 ft.	14	16 in.	2 or 3-horse	24 00	25 50
No. 6	Heavy 2 or 3 horse...	8 ft.	16	16 in.	2 or 3-horse	26 00	27 50
No. 7	2-horse	5 ft.	10	18 in.	2 horse	22 25	23 25
No. 8	Heavy 2 or 3-horse...	6 ft.	12	18 in.	2 or 3-horse	24 00	25 00
No. 11	2-horse	5 ft.	10	20 in.	2 horse	23 50	24 50
No. 12	2 or 3-horse.....	6 ft.	12	20 in.	2 or 3-horse	26 50	27 50

 In ordering always state whether Harrows are wanted *with* or *without* steel weight boxes, and also whether 2 or 3-horse Doubletrees. Three-horse offset for pole is sent with 3-horse doubletrees.

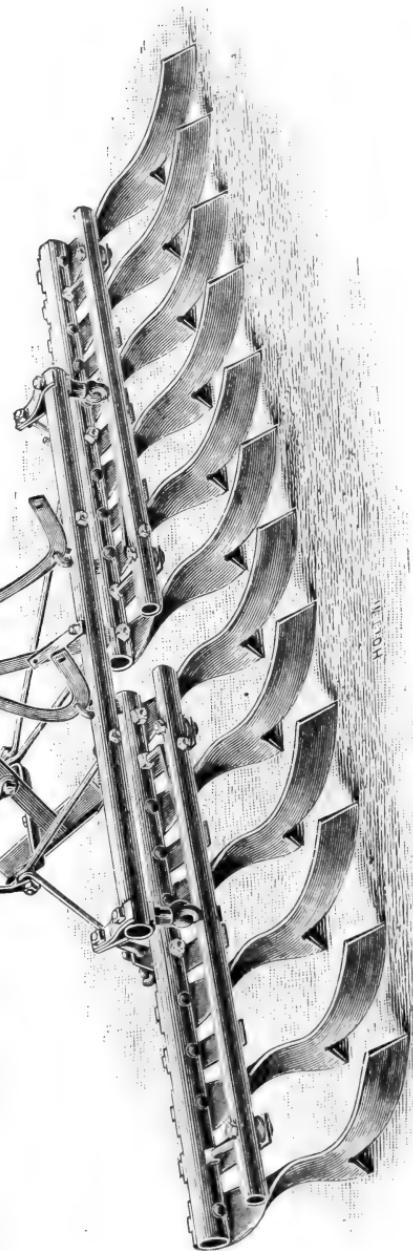
“ACME”

No. 23.

TWO-HORSE SIZE
RIDING HARROW

PULVERIZING HARROW,

WORKS
 $6\frac{1}{2}$ FEET WIDE
FLEXIBLE STYLE.



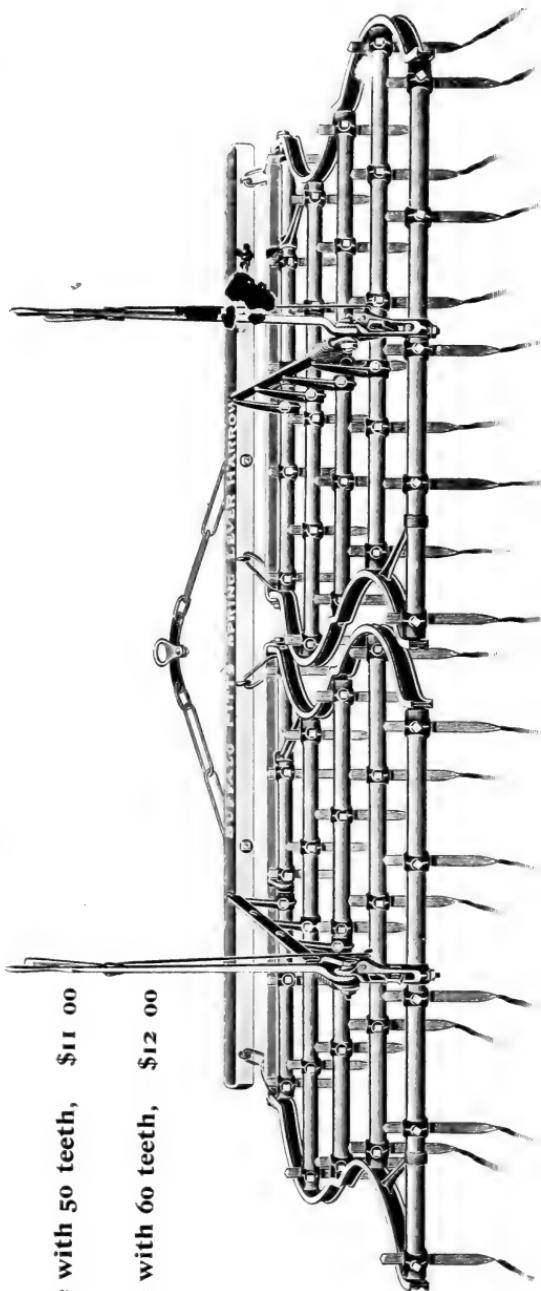
Price of No. 23, for Two Horses, works $6\frac{1}{2}$ feet wide, weight 125 lbs..... \$18 00
Price of Size H, for One Horse, works 4 feet 4 inches wide..... 14 00

This is not a special tool as some have supposed, but, as its name implies, a general purpose harrow that will do the whole business, viz: it will crush, cut, lift, turn, smooth and level, all in one operation. Ask for Special Circular.

PAN-AMERICAN SPIKE-TOOTH LEVER HARROW.

With Relieving Springs, Adjustable Triangular Steel Teeth and Adjustable Clevis

The Relieving Springs in this harrow allow the teeth to yield in meeting an obstruction, thus saving the strain and breakage not only on the teeth, but the frame as well, combining all the advantages of the spring-tooth with the even cutting of the spike-tooth harrow. By means of the levers the teeth can be thrown in a perpendicular position, or at any angle. For transportation purposes they can be thrown clear of the ground allowing the harrow to rest entirely on the shoes. This makes this harrow not only a good general purpose harrow, but an excellent smoothing harrow as well, and will answer the purpose of a weeder for the first cultivation of corn and potatoes.



Price with 50 teeth, \$11 00

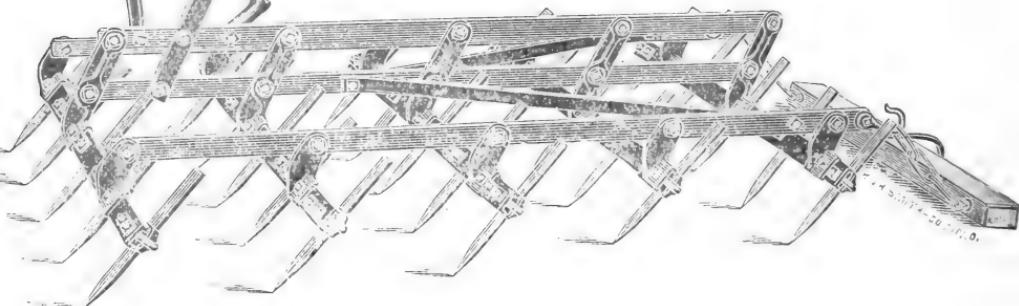
Price with 60 teeth, \$12 00



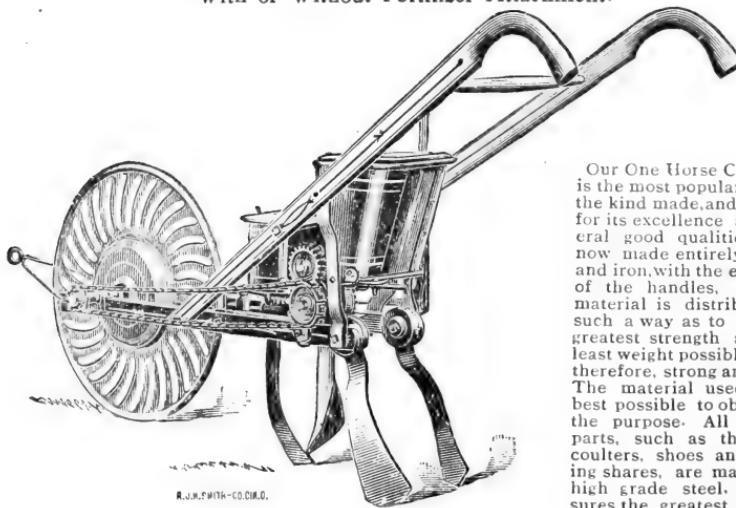
One Horse Columbian Harrow

WITH 25 TEETH.

PRICE = = = = = \$6 50



Hoosier One-Horse Hoe Corn Drill.
With or Without Fertilizer Attachment.



R. J. SMITH - CO. CHILD.

Our One Horse Corn Drill is the most popular tool of the kind made, and is noted for its excellence and general good qualities. It is now made entirely of steel and iron, with the exception of the handles, and the material is distributed in such a way as to give the greatest strength and the least weight possible. It is, therefore, strong and light. The material used is the best possible to obtain for the purpose. All wearing parts, such as the hoes, coulters, shoes and covering shares, are made from high grade steel, that insures the greatest possible amount of wear.

Price with Fertilizer Attachment, \$14 00.

Price without Fertilizer Attachment, \$11 00.

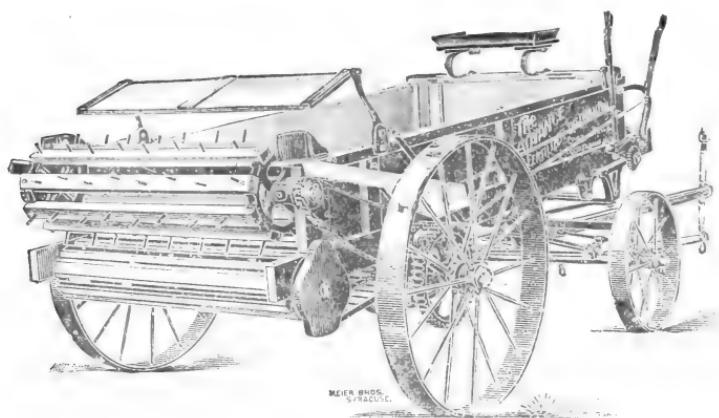
HOOSIER TWO-ROW CORN PLANTERS.

We furnish these either Hill or Drill Drop, with or without Check Rower. Plain or with Fertilizer Attachment. Ask for special circular and prices.

HOOSIER GRAIN DRILLS,

We have these in all the different styles and sizes, Plain or with Fertilizer Attachment. Ask for special catalogue and prices.

The Advance Manure, Lime and Fertilizer Distributor.



One source of waste on the farm is in not getting the highest fertilizing value out of the barnyard and other manure. The Manure Spreader is the only true and proper way of putting manure on the ground.

The Advance Manure, Lime and Fertilizer Distributor is the latest improved machine on the market. It is simple in construction, built of the best materials, is easily operated, and combines more points of superior excellence than any other machine manufactured.

It is lighter and at the same time the strongest machine on the market.

It is lower and easier to load. You do not have to crank back the apron after the load is discharged.

You can change the feed from the driver's seat without stopping the operation of the spreader.

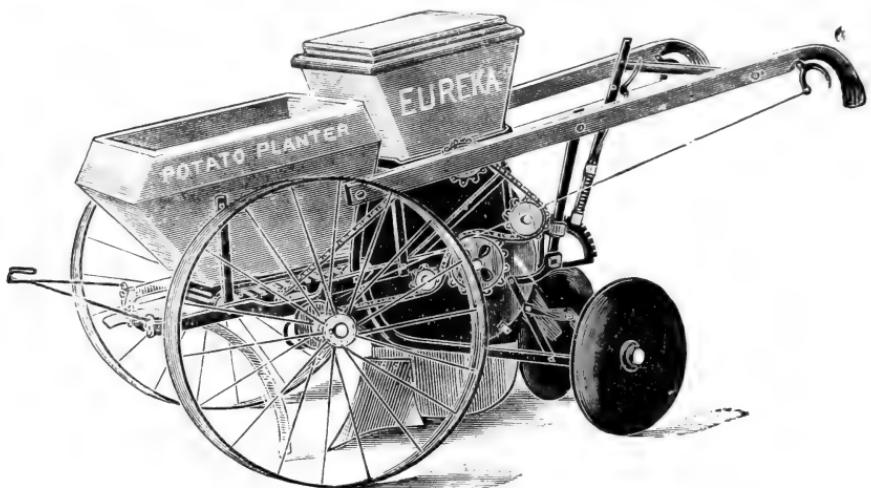
It has steel wheels with 5-inch rear and 4-inch front tires.

It is an endless apron machine of the most improved type.

It is fully warranted to do good work.

PRICES :

No. 1—35 Bushels, with Brake.....	\$110 00
No. 2—45 " " "	115 00
No. 3—55 " " "	120 00
Lime Hood, extra.....	5 00
Drill Attachments, extra.....	8 00
Lugs for Rear Wheels, extra.....	4 00
Three Horse Eveners, extra.....	4 00



EUREKA POTATO PLANTER.

The Eureka Potato Planter is not an experiment; we have sold it now for five years and it gives perfect satisfaction. While it is light draft for one horse and easily operated by one man, it will do equally as good work as any two horse planter that requires two men to operate and costs a half more. It is a simple machine, all changes quickly and easily made.

It is light, strong and durable.
 It is correct in its drop.
 It covers perfectly.
 It will sow fertilizer perfectly.
 It will sow from 150 to 700 pounds fertilizer per acre.
 It plants whole or cut seed.
 It will plant any depth required.

It will drop seed in the row any distance desired apart.
 It will hold 1½ bu. of potatoes.
 It will hold 50 pounds of fertilizer.
 It turns easily at the end of row.
 It has marker for marking return row.

The Potatoes are dropped an equal distance apart, as regulated. The potato is partially covered by earth; the fertilizer is dropped and does not come in contact with the potato; the discs cover both potato and fertilizer any depth desired.

We Guarantee the Eureka Potato Planter to be as Represented.

HICKSVILLE, L. I., N. Y., Sept. 24, 1893.

MESSRS. EUREKA MOWER CO., Utica, N. Y.

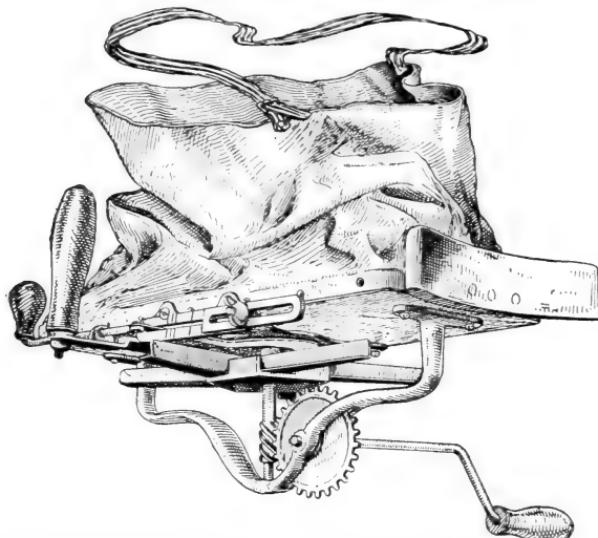
GENTLEMEN:—For the past six years I have had my potatoes planted with an Aspinwall potato planter, but last spring I bought one of your planters, and planted my potatoes, and I will say that the Eureka is the best planter I ever saw work. I found in going over my field after the potatoes came up, that it was hard work to find a missing hill. I would not exchange the Eureka for any planter I ever saw. Yours truly,

FREDERICK MEYER.

Price, with Fertilizer Attachment.....	\$42 00
Price, without Fertilizer Attachment.....	39 00
Shafts, extra.....	3 00
Pole (No Doubletrees or Yoke) extra.....	3 00

The New Idea Broadcast Hand Seed Sower.

BALL BEARING. [PATENTED JUNE 11, 1901.]



superior construction of the hopper and attachment of the sack it sows out very clean. The old-style seeders don't do this. Full directions with each machine. Price \$2.00.

It will sow Wheat, Rye, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light Grasses; in fact, all kinds of seed, broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

The "NEW IDEA" combines every good feature of every other Broadcast Seed Sower, and is distinct and superior in many respects. The simplest, strongest, nearest noiseless, most accurate and hand-somest seeder made.

No tin slides or trap-py parts. Adjustment of quantity accurately regulated.

It will sow at a round Wheat or Rye, 30 feet; Buckwheat, 45 feet; Flax Seed, Clover or Millet, 36 feet; Grass Seed, 30 to 36 feet; other seeds, etc., according to their nature and condition. By the

The Eureka Garden and Hot Bed Seed Drill.

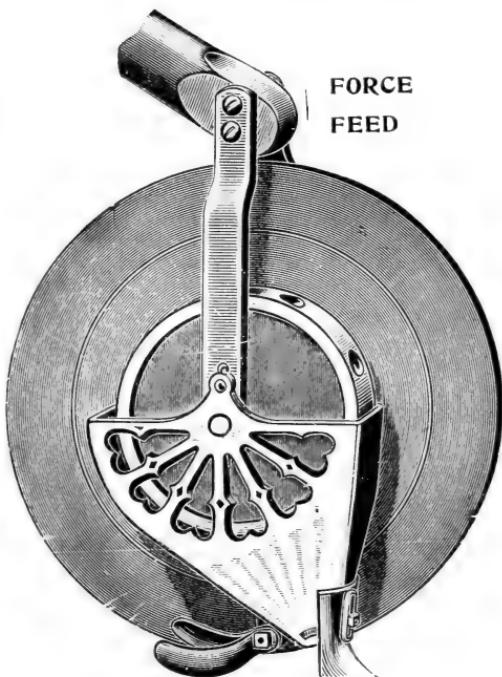
It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Spinach, Turnips and all such seeds with the greatest regularity. The quality of work equals that done with the costly machines and is infinitely better and faster than hand work.

HAVE YOU A HOT BED?

It is the only machine suited to sow in a hot bed. Sows up close to the sides in straight rows. Sows the smallest packet of seeds as well as a larger bulk. This Drill is not a toy but a strong, practical machine that will last many years.

By using this drill you save seed, you save time, you stand in an upright position, the work is easy, you get a better stand, you get better plants.

Price is only \$1.00.



PLANET JR. FARM AND GARDEN TOOLS.

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us you can rely on getting bottom prices.

No. 3 Hill and Drill

Seeder,

Price \$10 50.



THIS admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts and as a seeder is like the No. 3, sowing in continuous rows, or dropping in hills at five different distances. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single-wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

THIS seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. No time is lost: no seed is wasted. It

is quickly set to sow different kinds of seed in the exact thickness desired. It runs light, and sows equally well with a full hopper or a tablespoonful of seed. The hopper holds three quarts.

The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect.

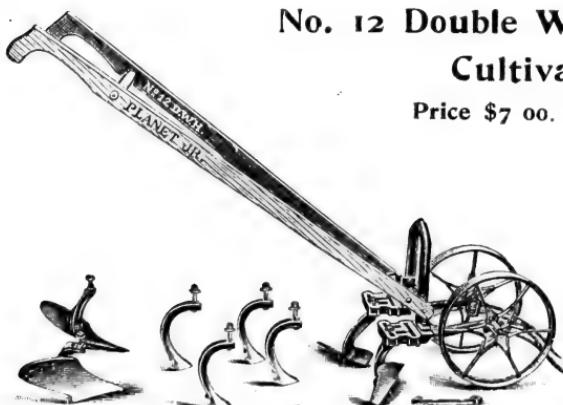
"Planet Jr." No. 4 Combined Hill and Drill Seeder Single-Wheel Hoe, Cultivator and Plow.

Price complete
\$10 50
As a Drill only
\$8 50



No. 12 Double Wheel Hoe, Cultivator and Plow.

Price \$7 00.

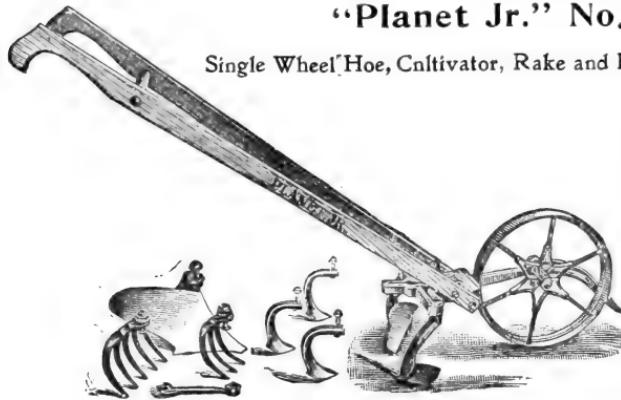


is unusually high: the quick change frame permits the tools to be changed without removing the nuts.

THIS perfected Wheel Hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. The wheels can be set at different distances apart, the frame at different heights. The handles are adjustable to any height, and being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch

“Planet Jr.” No. 16

Single Wheel Hoe, Cultivator, Rake and Plow. Price \$5.85



hoes, and three all steel patent cultivator teeth; also a set of two rakes, just the thing for preparing ground for the seed drill. A leaf-guard holds up the plants while thorough work is being done underneath; the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.

PROBABLY no other cultivating machine, is so widely known as the “Planet Jr.” Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain: yet it is light and easy to handle.

THE FRAME is extra long and high, making a tool that will not clog easily.

THE STIFF STEEL STANDARDS are hollow with round throats: they polish quickly and free themselves from obstructions

THE DEPTH is under perfect control by a new lever wheel and patent depth regular, making exact work, steadyng the machine and relieving the operator.

THE EXPANDER is an entirely new pattern, superior to all other forms.

THE HANDLES AND BRACES are also new, and the most effective and stiffest combination known, yet allowing every adjustment of handles in HEIGHT AND SIDEWISE.

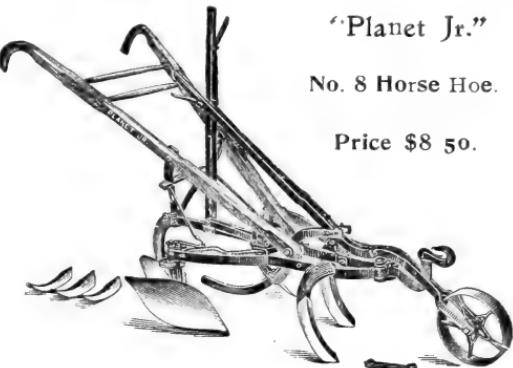
THE REVERSIBLE SIDE HOES, patented, are an important part of the implement. They act as plows or hoes, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that an immense amount of hand labor is saved.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Without depth regulator order as No. 7 price \$8.00.

“Planet Jr.”

No. 8 Horse Hoe.

Price \$8.50.

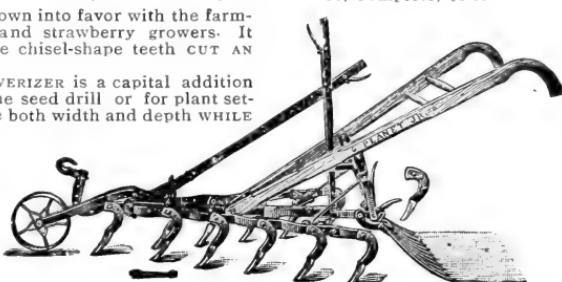
**“Planet Jr.” Twelve-Tooth Harrow and Cultivator.**

Price Plain, \$5.80. Price, with Wheel \$6.90.

Price, Complete, \$8.50.

THIS tool has rapidly grown into favor with the farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth CUT AN INCH WIDE EACH.

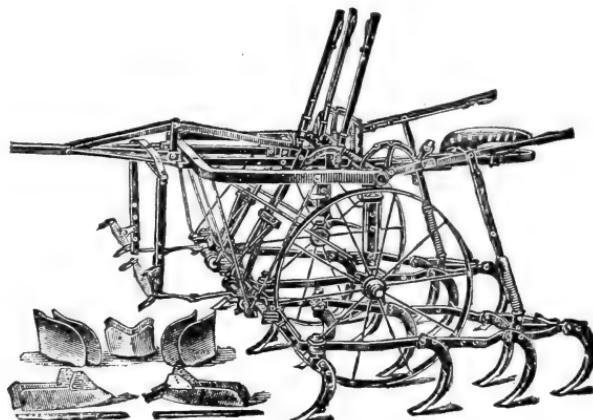
THE FOOT LEVER PULVERIZER is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth WHILE IN MOTION. It contracts to 12 inches and it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth round-throated teeth turn strawberry runners without injuring them. Strawberry Runner Cutter Attachment, consisting of a 10-inch flat disc mounted on out-rigger, extra. Price \$1.75



On this page we show two of the leading Planet Jr. Pivot Wheel Riding Cultivators. Our limited space will not permit a description here. They are the most up-to-date Riding Cultivators on the market. Write us for the Planet Jr. catalogue for 1905 which gives full particulars.

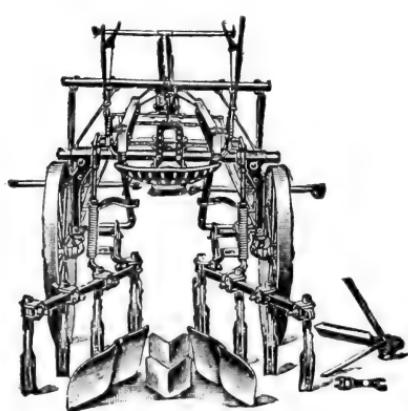
Planet Jr. No. 72 Two-Row Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger.

PRICE, \$50.00.



Corn and potato growers should rivet their attention to the implement they see above. It is the greatest labor-saving tool of the century. Its use means two rows cultivated at one passage, and it matters not whether the rows are straight or crooked, wide or narrow, regular or irregular in width. Think of the saving made in cultivating perfectly two rows of corn, potatoes or beans or any crop planted in rows not over 44 inches apart at a single passage. This means double speed at single cost and the arrangement of the fourteen teeth is such that all the ground is well tilled and no open furrows are left next to the crop.

H. J. HEINZ CO., Pittsburg, Pa., writes, July 13th, 1903: "The Planet Jr., No. 72 Cultivator purchased from you recently has been in constant use since that time in our horseradish, cabbage and tomato fields, and are pleased to state that it accomplishes the work to our entire satisfaction.



Planet Jr. No. 70 Pivot Wheel Riding Cultivator, Plow, Furrower and Ridger. Price, \$37.50.

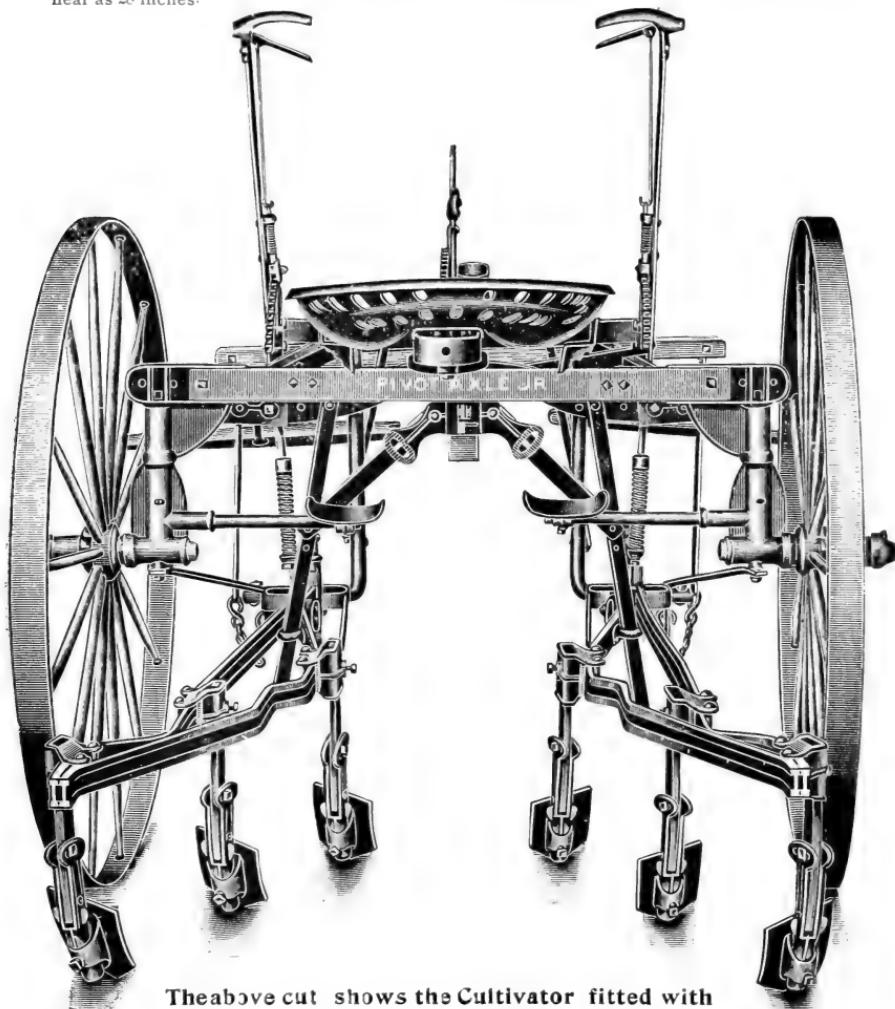
The right theory about cultivation is to do the best cultivating. The best cultivation results from the best implement—one that is right in plan, right in its making, wide in its uses and has the facilities for easy and perfect handling. That's what you have in the No 70 Riding Cultivator. The name indicates in a general way the scope of its work. There's not another of similar plan that equals it in service.

The wheels close to 32 inches and open to 40, and the tool cultivates all rows from 28 inches to 4 ft. apart at one passage. It is comfortable to ride upon, light in draft, simple in operation and durable in every part.

Gale Pivot Axle Junior Riding Cultivator.

Here is one of the latest styles of Riding Cultivators.

The frame is entirely of steel and malleable iron, and is strongly braced. This Cultivator is intended for crops planted in narrow rows—can be used where crops are planted as near as 28 inches.



The above cut shows the Cultivator fitted with
6-Shovel Steel Gangs. Weight, 387 pounds.

It works to perfection in Potatoes, Tobacco, Beans, Cabbage and Corn.

This Cultivator is four feet between wheels, can be narrowed to three feet.

The wheels are three feet six inches high, with 2-inch tire, flat outside and oval inside to shed the dirt.

PIVOT AXLES.—There is a special feature about this cultivator which makes it popular, viz., the foot rests for guiding cultivator are adjustable to any position. The operator can control the wheels and gangs simultaneously by pressing the foot rests, a very important feature in dodging irregular plants and for side hill cultivation.

The Gangs pivot from the front and with our patent Section Lift, give them level motion at all times.

It has a "Draw in Hitch" which is necessary to the good working qualities of a Pivot Axle Cultivator.

THE CENTER LEVER.—While the machine is in motion the Center Frame Lever can be set to instantly place the shovels and gangs to any desired width.

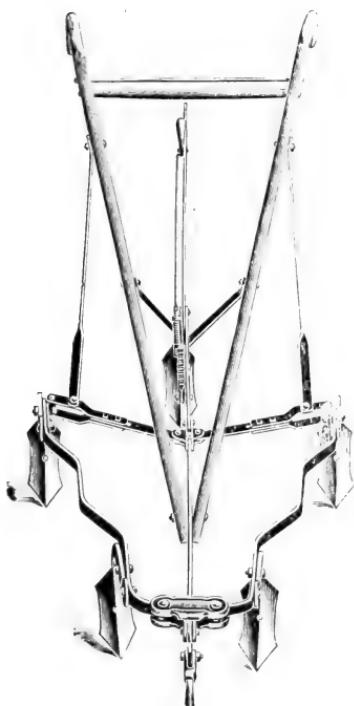
With six Shovels, bull tongues, fenders and hillling shovels.

Price.....\$30 00.

Pittsburg 5-Tooth Cultivators

The Pittsburg 5-Tooth Cultivators are made of round-edge steel, and are highly finished. The outside stay braces hold the frame solid to any width it may be set.

Extra care is taken in the "setting" of the shovels to see that they "face" the work properly, have correct "pitch" and are evenly spaced so that they will cut all the ground.



Horse Hoes for 5-tooth Cultivator.

Extra, per set, \$0 75.



Wheel for 5-tooth Cultivator.

Extra, \$0 50.

**Pittsburg 5-tooth Cultivator,
WITH ADJUSTING LEVER, \$3 25.**



Pittsburg 5-tooth Cultivator.

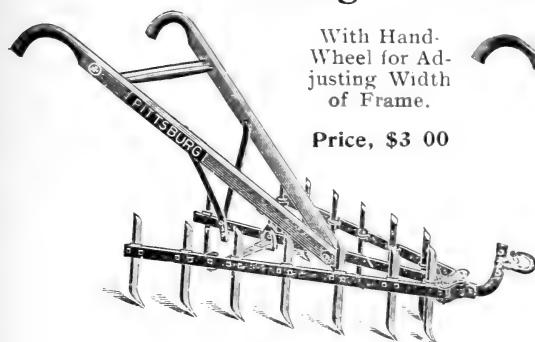
With Hand-wheel Adjustment

\$2 75

Pittsburg 14-Tooth Cultivators

With Hand-Wheel for Adjusting Width of Frame.

Price, \$3 00



With Lever for Adjusting Width of frame

Price, \$3 50.



Wheel for either of the above, extra \$0 50.

The Teeth are held to place by means of Stirrup Bolt and grooved malleable Boxing. This Boxing can be changed so that Teeth can be adjusted to different angles. Teeth are made of the very best "hard steel" with one end shaped for cultivating, while by reversing them the tool can be used as a Harrow.

Pittsburg Steel Beam Double Shovel Plow

Price \$2.25.

Beams Made of Solid Steel

•Rolled Tapering at Point

NO WELDS.

STEEL BEAM

SINGLE SHOVEL PLOW

Shovels have Proper Pitch for Entering Ground Right, and Making Steady Running Plow.

A WELL-FINISHED and HIGHLY SATISFACTORY TOOL

ADJUSTABLE CLEVIS

ADJUSTABLE

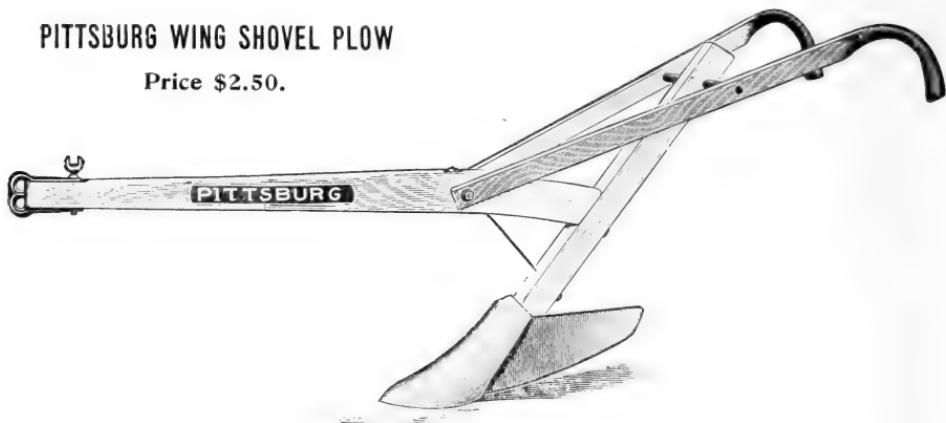
HANDLE BRACES

PRICES

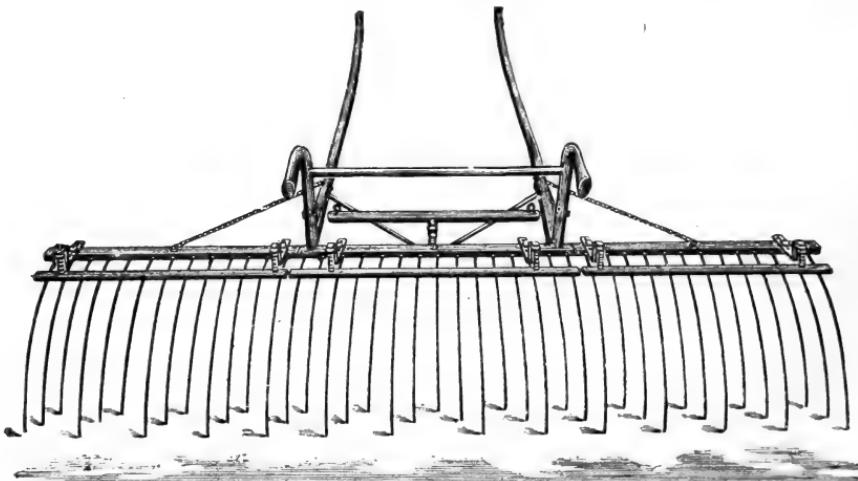
With 10-inch shovel.....	\$2 25
" 12 " "	2 50
" 14 " "	2 75

PITTSBURG WING SHOVEL PLOW

Price \$2.50.



For hilling potatoes and other similar work this tool will be found highly satisfactory. The wings are adjustable by means of the punched straps or braces that support them and they can be set to any desired angle. The shovel is fastened to beam by two bolts $2\frac{1}{4}$ inches apart. Width of main shovel is 12 inches, and with wings extended to limit it makes total width of 26 inches.

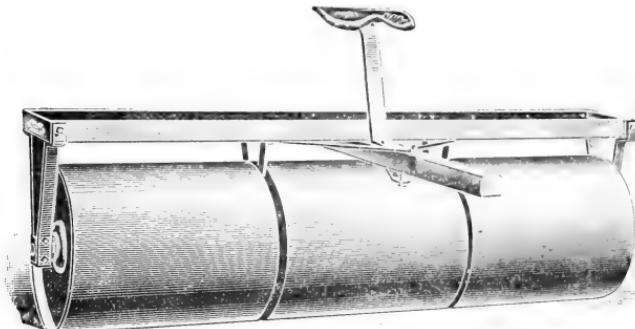
Eureka Sectional Adjustable Weeder

Cut showing Wings Attached. The Wings are Hinged to Main Head. A Solid Head can be made by putting in a Single Bolt on each Wing.

The Main Head, 2 feet, 9 inches long, can be used as a Cultivator.
Price \$8 00.

**Stone Boat With Cast Iron Head.**

A very useful thing on a farm or market garden. Price as shown above \$7.



Pennsylvania Steel Land Roller.

These rollers have solid pressed steel heads with removable bearings which makes the roller rigid and durable and at the same time keeps the ground from lodging in the drums. They are thoroughly and carefully built, nothing but the best material entering into their construction.

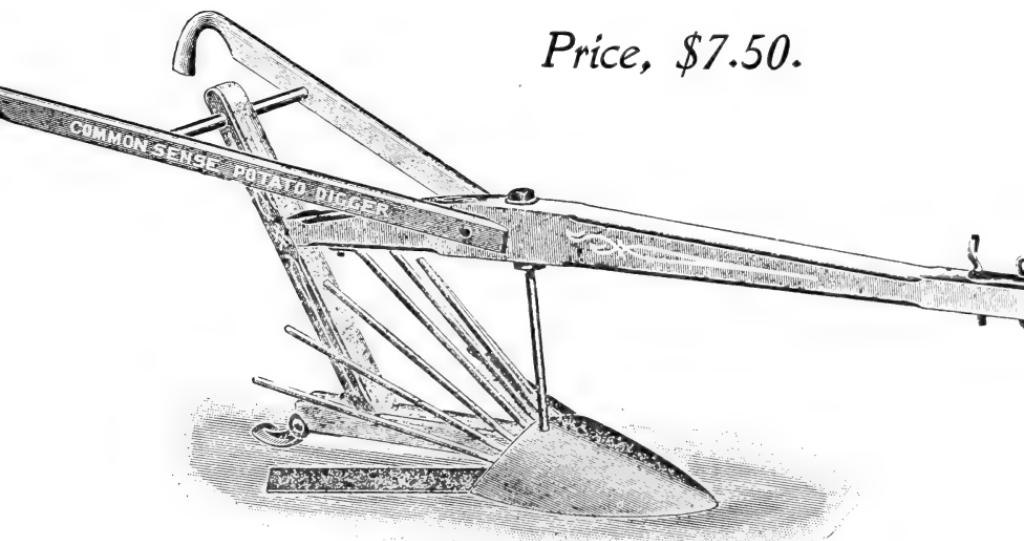
PRICES:

7 feet—3 Section—24 in. diameter, Weight 475 lbs.....	\$25 00
8 feet—3 Section—24 in. diameter, Weight 525 lbs.....	26 00

Above prices include doubletress and neckyoke.

The Common Sense Potato Digger.

Price, \$7.50.



It does not cut nor bruise the potatoes and is so simple that any one who can drive a team can operate it.

The Common Sense Digger has a ratchet shoe adjustment at the heel which enables the operator to adjust to the proper depth, and this adjustment with the clevis at the end of the beam gives everything that can be required in the way of adjustability.

The Common Sense Digger does the work, is not expensive and takes up very little room.

BUG DEATH.



This Insecticide and Plant Food Combined has been on the market for eight years and its sales have shown a large increase each year. We can say to our customers that we give Bug Death our fullest endorsement. While the first cost to kill the bugs on an acre of potatoes is rather more than the arsenical insecticides, the results at harvesting time are entirely satisfactory, and where practical tests have been made the extra yield of marketable potatoes has more than paid the entire expense. It is non-poisonous, which make it perfectly safe to use on all plants or vines. Bug Death prevents blight.

Pat. March 16 and Nov. 9, 1897.

Pat. in Canada Nov. 2, 1897,

and Jan. 25, 1900.

of Maine, Nova Scotia and Massachusetts, with excellent results.

1-lb Package.....	\$0 15
3-lb "	35
5-lb "	50
12½-lb "	1 00
100-lb "	7 00

Dickey's Duster for applying
Insecticides..... 25



DICKEY'S DUSTER.



QUICK DEATH



TRADE MARK

Quick Death is a whirl wind of destruction to Potato Bugs and at the same time fertilizes and invigorates the plants. This means that if you use Quick Death your potato vines will be green and growing days after those of your neighbors are dead.

Pumpkin bugs, squash bugs, water melon bugs, rose bugs, cabbage worms, currant worms, tobacco worms, cotton worms, sugar beet bugs and all others of the same nature are also speedily killed.

Quick Death, unlike Paris Green, does not burn the leaves.

Quick Death should be applied to the leaves or vines in its powdered state when the leaves or vines are damp or moist as from dew in the morning or after a rain.

1-lb Packages ...	\$0 05	15-lb Package.....	50
3-lb "	15	25-lb Cloth Packages.....	\$ 75
5-lb "	20	50-lb " "	1 50
10-lb "	35	100-lb " "	3 00

"World's Best" Sifter, large size, to apply, 50c. each; small size, 40c. each



Hammond's Slug Shot

Is the old reliable remedy for Currant Worms, Cabbage Worms, Caterpillars and other insects that destroy vines and plants.

Put up in 5-lb packages.

Price, per 5-lb package..... 25c

Tobacco Dust.

Per pound.....	5c
Barrel Lot, per pound.....	2½c

Dry Bordeaux Mixture.

1-lb boxes, each.....	\$0 25
5-lb " "	75

Copperdine.

1-lb crocks, each.....	25
5-lb " "	1 00

Powdered Hellebore.

1-lb boxes, each.....	25
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Paris Green.

½-lb boxes, each.....	15
1-lb " "	25

London Purple.

1-lb boxes, each.....	25
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"HORICUM."

The San Jose Scale Killer,

For Fall and Spring Use.

Take one gallon of "Horicum" and add to it 20 gallons of water, and then spray over your trees when leaves are off.

PRICES.

Quart Can.....	\$ 30
1 gallon can.....	1 00
10 " keg.....	7 50
20 " ".....	13 50

None Such Sifter.

For Applying Powdered Insecticides,
Lime, Plaster, Etc.

The best Sifter made. Made on the only correct principle that insures a uniform distribution of any dry, fine powder with very little work, and will not clog.

Price, 35 Cents Each.



Ask for special prices on Insecticides in large quantities, specifying the quantity wanted.

Leggett's Champion Dry Powder Duster

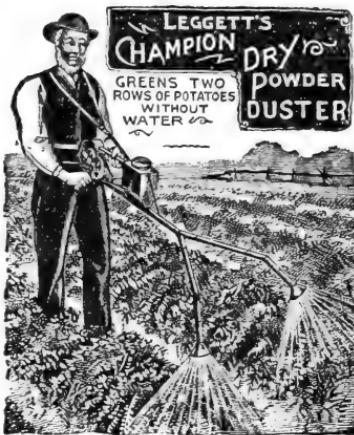
FOR DISTRIBUTING

Dry Insecticides and Fungicides.

Will

Green Two
Rows of
Potatoes
at once
as fast as a
man walks.

Adjustable to any
width of row,
wide or narrow
planting.



Will

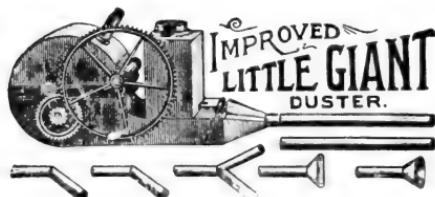
do as
much work
in a day
as a
horse power
sprayer.

The length of the
Champion is such
that the poison
is kept at a safe
distance from the
operator,

Champion Duster.

Weighs about 6 lbs. Without tubes is 27 inches long. Each machine is packed in a case complete, comprising 4 tubes, 6 nozzles, 2 straps and oil can. Cased for shipping, weighs 13 lbs. The reservoir holds over a quart of powder.

Price, \$7 50.



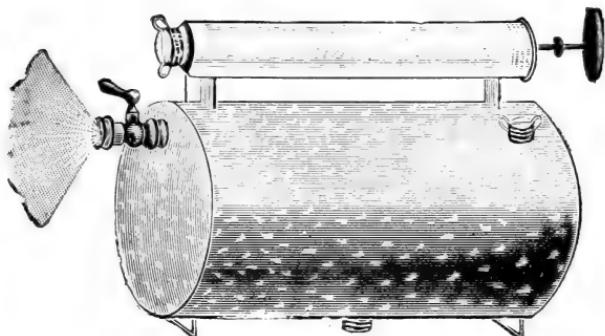
Distributes any dry powder, Paris Green, etc., to perfection.

Machine weighs 6 lb.; furnished with three tubes, five nozzles and strap. Dusts two rows at a time. Reservoir holds nearly a quart of powder.

Price. \$5 50.

No. 30, Smith's Compressed Air Sprayer.

Patented March 27, 1900; Nov. 8, 1898; Sept. 13, 1898.



Holds two gallons, with air chamber and reservoir made horizontal, making it convenient to carry. It is also provided with clean - out hole, and the inside valve can be reached with ease, which is very necessary as this valve must be oiled to prevent it from rusting especially when putting it away.

This sprayer is provided with two nozzles, one for fine spraying and one for tree spraying. We can also furnish it with extension hose, which we recommend for spraying in greenhouses and shrubbery, and also for tree purposes. It will throw a spray 20 feet high. It is made of galvanized iron.

Price without Extension Hose.....	\$2 00
Extension Hose Extra.....	75

Lightning Compressed Air Sprayer.



greenhouses and shrubbery, and also for tree purposes.

The No. 21 Sprayer is made of heavy galvanized iron; nicely painted. It holds four gallons, and no labor is required to operate it. Simply fill the reservoir one-half or two - thirds full of liquids, pump in the air and it will spray out the entire contents.

This Sprayer is made with a screw cap as shown in Fig. 3, so that the inside valve may be gotten at with ease, the safety valve is at Fig. 4, the filling hole at Fig. 1, and the discharge pipe at Fig. 2. It is also provided with hose, faucet, two nozzles, and shoulder strap, and is adapted for all kinds of spraying and will kill any insect living when the proper ingredients are used. We can also furnish it with extension hose, which we recommend for spraying in

Price without Extension Hose.....	\$4 00
Extension Hose Extra.....	75



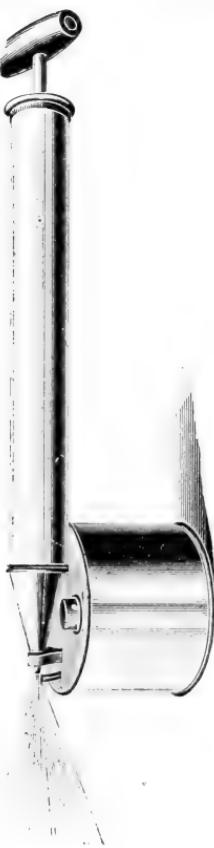
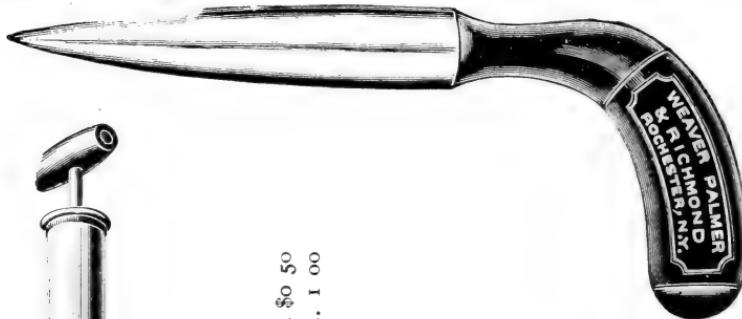
Everitt's Electric Sprayer.

With Extension Handle.

This popular Sprayer is fitted with an extension handle which enables the operator to spray ordinary sized trees as well as low bushes and vines. Price with extension handle \$1 00.

PLANTING DIBBLE.

35 cents; three for \$1 00.



Faultless Tin Atomizer.....\$0 50
Faultless Brass Atomizer.....1 00



Glass Jar Atomizer.....\$0 75

NOVELTY SPRAYING PUMPS.



No. 17 Barrel Spray Pump.



No. 19 Bucket Spray Pump.

No. 17, Novelty Barrel Spray Pump.

These pumps are designed especially for farmers and fruit growers who are in the business on a large scale. They are strong and substantially built throughout. Our patent handle attachment gives a long stroke and easy operation, while a powerful stream hoots forth from the nozzle, and any person can produce pressure enough on the nozzle to spray as fine as mist.

The principle is mechanical and simple.

They can be taken apart in five minutes.

The handle can be placed in any position around the pump, a feature not to be overlooked by any purchaser.

They can be used with either one or two lines of hose.

Price with 5 feet $\frac{1}{2}$ inch, 3 ply hose and nozzle, without barrel \$7 00
With two lengths of hose, \$8 00.

No. 19, (Brass) Bucket Spray Pump.

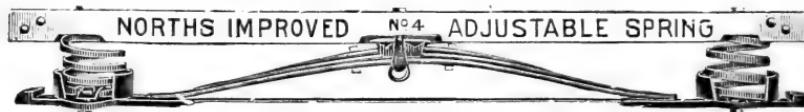
All parts of this pump are proof against the effects of spraying fluid. The bottom is brass, with brass strainer; two solid rubber balls serve as valves; cylinder is seamless drawn brass, of extra strength; plunger rod is three-eighth inch galvanized steel; body of pump three-fourth inch galvanized pipe. Entire length of pump, not including hose, thirty-seven inches. Length of handle, fifteen inches. Undoubtedly the easiest working and most substantial spray pump on the market. Suitable for spraying small trees, flowers, bushes, or plants of any kind; This pump can be fitted to a barrel at small extra expense. Price, \$3 00.

North's Improved Adjustable Wagon Springs.



The Best Farm Wagon Spring in the World.

The above cut shows cross spring in position for all ordinary purposes. Transforms a Common Farm or Truck Wagon into a Spring Vehicle for Light or Heavy Uses. Perfect Adjustment. Absolutely Guaranteed to Give Perfect Satisfaction.



The above cut shows cross spring in position for heavy loads.

PRICE PER SET.

No. 1 to carry 1,000 lbs., one horse wagon, without center spring.....	\$3 00
No. 2 to carry 1,500 lbs.....	4 50
" 3 " 2,000 "	5 25
" 3½ " 2,500 "	5 50
" 4 " 3,000 "	6 00
" 5 " 4,000 "	7 50

These Springs are popular everywhere. No fruit raiser can afford to be without a set. In ordering give width between standards.

The Reiter Bolster Spring.

THE BEST IN THE WORLD.



PRICE PER SET.

Capacity.	Distance between Standards.			
	38 in.	40 in.	42 in.	44 in.
1,000 pounds.....	\$6 00	\$6 25	\$6 50	\$7 00
1,500 pounds.....	6 50	6 75	7 00	7 50
2,000 pounds.....	7 00	7 25	7 50	8 00
2,500 pounds.....	7 50	7 75	8 00	8 50
3,000 pounds.....	7 75	8 00	8 25	8 75
4,000 pounds.....	8 00	8 25	8 50	9 00

Capacities and widths not on the above list are not carried in stock, but can be made to order.

POULTRY SUPPLIES.



Prairie State Baby No. 2 Incubator, Capacity 100 Eggs, Price, \$10 00.

Prairie State Incubators and Brooders.

Crushed Oyster Shells	Canary Seed	Leggett's Dry Powder Guns
Mica Crystal Grit	Mixed Bird Seed	Canadian Hardwood Ashes
Foust's Health Grit	Spratt's Patent Chick Meal	—
Granulated Bone	Puritan Chick Feed	Atomizers
Charcoal	Union Chick Feed	Drinking Fountains
—	Chamberlain's Chick Food	Feed Troughs
Meat Meal	Pigeon Peas	Self Feeding Boxes
Hulled Oats	Buckwheat	Clay and Wood Pigeon Nests
Puritan Laying Stock Food	Millet	Wire Hen's Nests
—	Barley	Nest Eggs
Lee's Poultry Foods	Wheat	Leg Bands
H. O. Poultry Foods	Cracked Corn	Eyrie Egg Boxes
Purina Mash	Parched Pop Corn	Eyrie Shipping Coops
Pratt's Poultry Food	Kaffir Corn	Empire Show Coops
Chamberlain's Perfect Hen Food	—	—
Rust's Egg Producer	Conkey's Roup Cure	Mann's Green Bone Cutters
Puritan Egg Force	Rust's Roup Pills	Stearns' Green Bone Cutters
Conkey's Egg Food	Rust's Condition Powders	Wilson Grain Mills
Cut Clover	Lambert's Death to Lice	Wilson Bone and Shell Mills
Alfalfa Meal	Orr & Cooper's Lice Killer	Feed Cookers
Scratch Feed	Lee's Lice Killer	Thermometers
—	Conkey's Louse Killer	Egg Testers
Sunflower Seed	Rust's Lice Killer	Chick Markers
Hemp Seed	Lightning Lice Killer	Caponizers
	Lightning Lice Killing Machines	Killing Knives
		Poultry Netting, &c.

Union Lock Poultry Fence.

Perfected Granite Roofing.

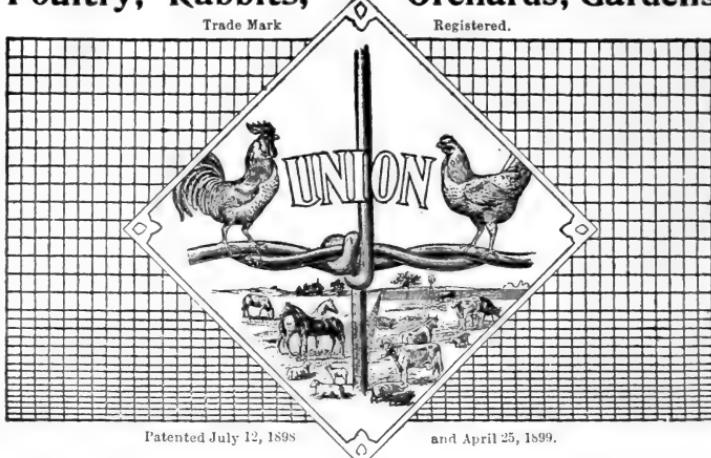
Write for Full Descriptive List of Poultry Supplies.

Special Prices in Large Quantities.

UNION LOCK POULTRY FENCE.

For Poultry, Rabbits, Orchards, Gardens, etc.

All main strands are two wires twisted together.



Pickets 3 in. apart. Cables
1 1/4 in. apart at bottom.

This new fencing for poultry yards will supersede the old style 2-inch mesh wire fence as soon as its merits become known. In the wider sizes it is but little more expensive than the regular 2-inch mesh netting, and the fine mesh at the bottom will appeal to every practical poultry raiser as a great advantage.

The horizontal lines of this fence are all composed of two No. 20 galvanized steel wires twisted together. Beginning at the bottom, the first seven cables are 1 1/4 inches apart, the next three cables 1 1/2 inches apart, then six cables 2 inches apart, and all above that 4 inches apart. This gives a mesh of 1 1/4 x 3 inches at the bottom, where it is needed for small chicks, and above 2 feet, where fowls can only reach when on the wing, the mesh is 3 x 4 inches. The pickets are No. 19 galvanized steel wires and are 3 inches apart. The picket is fastened to the cable with the Union Lock, which has given such excellent satisfaction.

As all of the cables are of the same length and run the whole length of the fabric, every part can be stretched perfectly. The fence is amply strong, as the breaking strain of a No. 20 two-wire cable is 192 pounds, and there are ten cables in the first foot of fence. Because of its strength and construction this fence requires no top or bottom rail and no more posts than the ordinary woven wire stock fence, or about one-half the number needed for poultry netting. In strength, closeness of mesh, adjustability and economy it excels all others.

PRICE LIST.

PER ROLL.

165 feet long, 2 feet wide.....	\$2 60
165 " 3 "	3 25
165 " 4 "	3 90

PER ROLL.

165 feet long, 5 feet wide.....	\$4 50
165 " 6 "	5 00
165 " 7 "	5 75

In comparing above prices with ordinary poultry netting remember these rolls are fifteen feet longer.

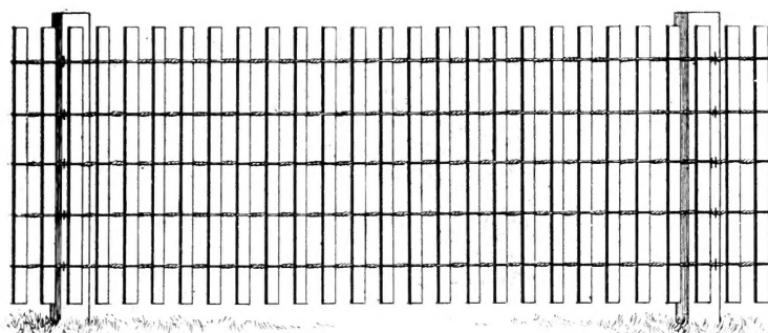
Old Style Galvanized Poultry Netting--2-inch Mesh, No. 20 Wire

PER ROLL.

150 feet long, 1 foot wide.....	\$ 75
150 " 2 "	1 45
150 " 3 "	2 25

PER ROLL.

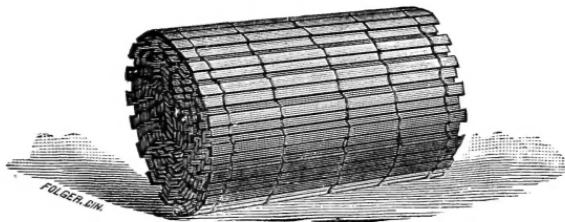
150 feet long, 4 feet wide.....	\$2 95
150 " 5 "	3 75
150 " 6 "	4 25



Combination Picket Fence.

This popular fence for Gardens, Yards, Vacant Lots, etc., is made of good oak pickets $1\frac{1}{2}$ inches wide, $\frac{1}{2}$ inch thick and 4 feet long, woven together with five cables of No. 12 galvanized wire. No rail is required. We make this fence to order in the following sizes:

$2\frac{1}{2}$ inch space between pickets, 4 feet high.....	\$0 75 per rod
$2\frac{1}{4}$ " " " " 4 "	80 "



Orders for less than five rods, 5c per rod extra.

Put up for shipment in five-rod reels, as shown above. Orders filled for any required number of feet at the above prices.

Farmers' Hardware.

We Sell a General Line of Farmers' Hardware, Indicated by the Following:

Hay Forks, Manure Forks, Shovels, Spades, Nails, Hasps and Staples, Barn Door Fasteners, Tree Pruners, Pruning Shears, Hoes, Rakes, Axes, Hatchets, Hand Saws, Grain Cradles, Scythes, Wood Doubletrees, Steel Doubletrees, Barb and Plain Galvanized Wire, Etc.

PERFECTED GRANITE ROOFING



"Perfected Granite Roofing" is the Standard Roofing of America. This is the original stone-surfaced roofing, the result of 19 years' practical experience, and is scientifically made by skilled workmen on specially constructed machinery. Buyers of roofing material demand durability, low price, ease of application, fireproof qualities and sightliness. In "Perfected Granite Roofing" all of these qualities are combined.

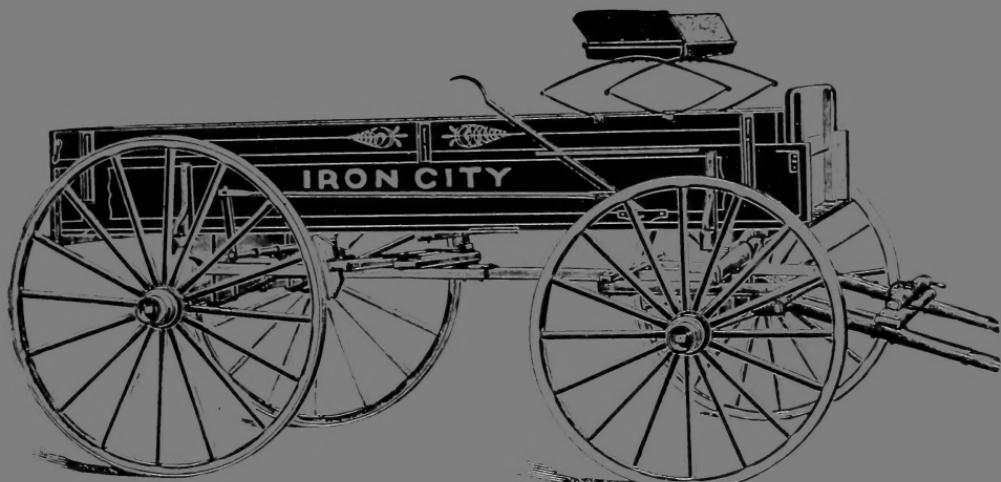
We can refer to buildings in our own city, as well as throughout the United States which were covered with "Perfected Granite Roofing" from 9 to 12 years ago, and are still in good condition, without the expenditure of one dollar for repairs in the interim. The fact that it is used on large factory buildings, round houses, glass houses, etc., proves its good qualities. We do not hesitate to recommend it to agriculturists and poultry men as the best and most economical roofing on the market. It is prepared all ready to lay when it leaves the factory, and can be put on over old shingles or tin. It can be used for siding as well as roofing.

Each roll contains 110 square feet or sufficient material to cover 100 square feet of surface allowing for laps. Nails and cement for laying are included in the following prices:

Less than 10 rolls, per roll.....	\$3 00
10 rolls or upward, "	2 75
Mop for applying cement, extra each.....	25

On shipments of 10 rolls or upward from factory, freight will be allowed to customer's railroad station.

If you are interested in Roofing write us for sample and full descriptive circular.



The Iron City One Horse Wagon.

The Iron City One Horse Wagon is suitable for marketing purposes, or any light work; it has $1\frac{1}{4}$ inch solid steel axle, Sarven Patent Wheels, and is furnished as shown in the cut, with Gear Brake, Box with Top Box, Drop Endgate, Spring Seat and Shafts. Capacity 1200 lbs. Price \$40.00.

Some of Our Specialties.

Adriance Binders,

Adriance Mowers.

—

Farm Wagons,

Farm Carts,

Buggies and Surreys.

Wood and Iron Pumps,

Churns,

Cream Separators.

Feed Cutters,

Grinding Mills,

Sleighs and Sleds.

Hay Rakes,

Binder Twine,

Hay Forks,

Hay Tedders.

—

Engines and Boilers,

Saw Mills and Threshers,

Gas and Gasoline Engines.

—

Horse Powers,

Field Rollers,

Lawn Rollers.

Contractors' Supplies.

Stone Crushers,

Wheel Scrapers,

Drag Scoops,

Dumping Wagons.

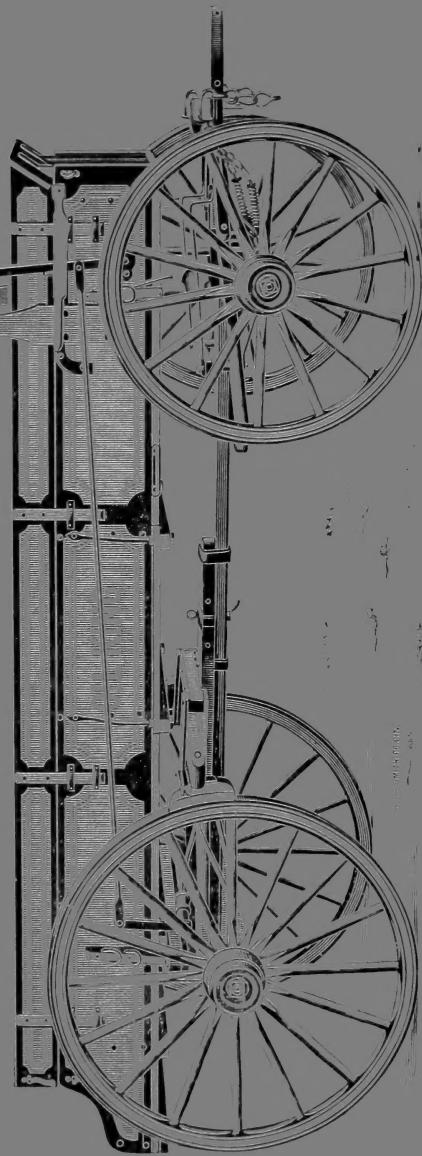
Contractors' Carts,

Grading Plows,

Picks, Shovels, Etc.

Send for Special Catalogue of Any of the Above.

THE OIL KING WAGON



The **Oil King** Wagons are made from the very best material obtainable and in one grade only, and that the **Best**. They are constructed with the greatest care and upon principles which insure the greatest strength and durability. The immense number now in use and the constantly increasing trade proves that the **Oil King's** reputation for light running and durability is second to none. It is fully guaranteed and you can make no mistake in buying it.

Special Circular and Prices Upon Application.

I. W. SCOTT & CO., No. 5 Union Street,
No. 514 Liberty Street,

PITTSBURG, PA